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COMMON USERS GROUP PROGRAM REVIEW AND EVALUATION (fill out in typewriter, ink or pencil)

Program No	. Date		· ,
Program Name:		······································	
1. Does the abstract adequately described it does? Comment	oe what the program is and what	Yes	No
2. Does the program do what the abstra	act says?	Yes	No
3. Is the description clear, understand Comment	able, and adequate?	Yes	No
4. Are the Operating Instructions under Comment	rstandable and in sufficient detail?	Yes	No
Are the Sense Switch options adequa	tely described (if applicable)?	Yes_	No
Are the mnemonic labels identified of	or sufficiently understandable?	Yes	No
5. Does the source program compile sa Comment	atisfactorily (if applicable)?	Yes	No
6. Does the object program run satisfa Comment	ctorily?	Yes	No
7. Number of test cases run . Ar size, range, etc. covered adequatel Comment .		Yes	No
6. Does the Program meet the minimal Comment	standards of COMMON?	Yes	No
9. Were all necessary parts of the proc	gram received?	Yes	No
O. Please list on the back any suggestion. These will be passed onto the author		e progra	m.
Please return to:	Your Name	-	
	Company		
Miss Gaye Baber Research Division National Education Association 1201 Sixteenth Street, N.W.	Address		
Washington, D.C. 20036	Users Group Code		

THIS REVIEW FORM IS PART OF THE COMMON ORGANIZATION'S PROGRAM REVIEW AND EVALUATION PROCEDURE. NONMEMBERS ARE CORDIALLY INVITED TO PARTICIPATE IN THIS EVALUATION.

O

Modified Fortran for Monitor I, Version 2

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Users Group Code: 3155

Date: 12-27-66

Modifications or revisions to this program, as they occur, will be announced in the appropriate Catalog of Programs for IBM Data Processing Systems. When such an announcement occurs, users should order a complete new program from the Program Information Department.

Program Abstract

Title: Modified Fortran for Monitor I, Version 2

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Date: 12-27-66

Users Group Code: 3155

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Description / Purpose:

Modified Fortran has free format, variable format, improved execution time diagnostics, improved trace output, and P scaling. All statement map option has been removed.

Specifications:

Storage: 20K

Equipment: 1620 Model I, Card Input-Output, 1 Disk Drive, Automatic

divide, Indirect addressing, 1443 Printer.

Program Language: SPS II-D

Additional Remarks:

Do not insert IBM's modifications to Deck #8. This Fortran does not include modification #3 because of core conflict.

DECK LABELING SHEET

BASIC

Deck Number	Sequence Number Range	Description
1	50000-51987	Object deck for modified Fortranreplaces deck #8 in Monitor object
2 OPTIONAL	bbbbb-03054	Object decks for new library Functionsrun under Monitor control
l (optional)	00010-04550	SourcePhase 1-A
2 (optional)	00010-32090	SourcePhase 1-B
3 (optional)	00010-33920	SourcePhase 2
4 (optional)	00010-01540	Sourcediagnostic library subprogram
5 (optional)	00010-02500	Sourcevariable format library subprogram
6 (optional)	00010-02690	Sourcefree format library subprogram

Optional material will be sent only when specifically requested.

Program Writeup for:

Modified FORTRAN II-D for Monitor I Ver. 2 which will hereafter

be referred to as "Modified Fortran."

A. Misc. Data

Date: December 1966

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Users Group Membership Code: 3155

B. Program Description

It is assumed that the reader is familiar with IBM's FORTRAN II-D as described in the Monitor I manual. The only feature which has been removed from FORTRAN II-D on the Modified Fortran is the All Statement Map option. The new features include Free Format (as in FORGO), Variable Format (format read at execution time), Improved execution time diagnostics (including detection of most undefined variables), improved trace output (including the use of BEGIN TRACE and END TRACE as in PDQ Fortran), and P scaling.

1. Free Format

In order to relieve the programmer (esp. the beginning programmer) of the necessity of coding FORMAT statements in his programs, the free format is provided. i.e.

READ, A

will read the first number on the card into the variable A. If the data on the first record is not enough to satisfy the input/output statement the free format routine will move onto the next record. Numbers may be punch on the input card any way you like (i.e. 1, 1.0, .lEl, 10E-1 will all be accepted as floating point ones. Only the first will be accepted as a fixed point one.). Numbers must be separated by a comma and/or by one or more spaces. A number may not continue from one card onto the next. All 80 columns of the input card (or all 84 input positions from the typewriter) are processed.

Output in free format will output as much as six numbers per card, seven per typewriter line, and ten or twelve per printer line (depending on width of printer line). Fixed point output format is IPE12.4 after rounding.

The error messages are

ER R1 -- ALPHABETIC DATA ON CARD

ER R2 -- TWO DECIMAL POINTS IN ONE NUMBER

ER R3 -- EXPONENT OUT OF RANGE

ER R4 -- UNDEFINED FLOATING POINT NUMBER

ER R5 -- UNDEFINED FIXED POINT NUMBER

ER R6 -- FIXED NUMBER TO LARGE

ER R7 -- FIXED NUMBER CONTAINS ., E, ETC.

ER R8 -- OVER 28 SIGNIFICANT DIGITS

ER R9 -- NO NUMBER BETWEEN COMMAS

2. Variable Format

Sometimes a programmer doesn't know what his data (or his output for that matter) will look like until execution. To handle this problem a variable format option has been included in FORTRAN. It is used as follows:

READ I, A.

where I is the name of the array which contains the FORMAT in double digit alphabetic coding. As shown above, the variable A will be read under the format in array I. In decoding the format everything before the first left paranthesis is ignored, as is everything after the right parenthesis which is paired with the first left parenthesis.

The array containing the format is assumed to be packed. In the 1620 each alphabetic character of the format occupies two digits. (i.e. an A is 41.) When these are read under A format, these characters are placed in the high order digits of the number. If it is a floating number, the exponent is set to zero. Thus at standard precision an A will read into a fixed point number as 4100 as into a floating point number as .41. The number of alphabetic characters per variable array element should equal the length (not counting the exponent in floating point variables) divided by two (ignore the remainder in case of odd length). However, EXCEPT FOR HOLLERITH FORMAT, an unpacked version will be interpreted correctly. At standard mantissa length the array would be packed if it contains two alphabetic characters per element in a fixed point array or four alphabetic characters per element in a floating point array.

The format is compiled into the array between the last subroutine loaded and the low position of common. Because of this there is a chance for overlap at execution time. In this case 'FORMAT OVERLAP' is typed and execution is halted. If there was any syntax (punctuation) error in the format, the computer will type out 'FORMAT ERROR' and call exit if the array containing the format was floating, otherwise it will do its best to patch up the error and continue execution.

Since the high core loaded indicator is not properly updated by the loader when LOCAL subprograms are used, variable format should not be used with LOCALS unless the last LOCAL loaded was the largest.

At the present time, the variable format routine does not accept P scaling.

3. Improved Execution Time Diagnostics

There is in the Modified Fortran, two different modes for compiling a program. The first is the production run mode where the program is compiled the same way as IBM Fortran II-D; the second is diagnostic mode which is intended for programs which have not yet been debugged. In the Modified Fortran, diagnostic mode is normal. If one is running a program which has been debugged, he should include a *NO DIAGNOSTICS control record.

A program compiled in diagnostic mode takes up a great deal more core than one that is not. Namely 12 extra core for every executable statement with the exception of a simple GO TO, plus 1504 core for an extra library subroutine which will be automatically called.

During execution in diagnostic mode, any non input--output error message will be preceded by the statement and line number of the FORTRAN statement in which the error occurred. e.g.

0102+05 ER A1

would mean that an undefined variable was detected on the fifth statement following the statement which has the statement number 0102. Dimension, Common, and Equivalence statements, as well as comment and continuation cards, are not included in the line count. 0000+01 would refer to the first statement in the program, excluding Dimension, Common, and Equivalence statements. The line counter cannot exceed 19. After 19 is reached the count starts over at 10. i.e. an error at 0050+13 could actually refer to the statement which was 23 statements past the statement with the statement number 0050.

Two new error messages have been added when in diagnostic mode. ER Al indicates that an undefined variable has been detected. However, not all undefined variables are found. (Only those variables which are transmitted by the Fortran TOFAC routine are checked). ER A2 indicates that the overflow indicator was on when the statement was finished. This also indicates an undefined variable. It is possible to get ER A1, ER A1 again if the statement is traced, and ER A2 all from the same undefined variable in the same statement. ER A2 can be caused by something other than an undefined variable. e.g. using an SPS written subprogram which turns on the overflow indicator but does not turn it off before it exits. Another common result of having the overflow indicator unexpectedly turned on is invalid division by zero error messages (esp. ER E7).

4. Improved Trace

Trace instruction will now be compiled only between BEGIN TRACE and END TRACE statements. One may have as many of these statements in a program as he desires. The END card will also act as an END TRACE. Thus if one wanted to trace the whole program, he could put a single BEGIN TRACE at the beginning of the program. Sense switch 4 still controls trace output at execution. Both sense switch 4 must be on and trace instructions compiled in order to get any trace output. BEGIN TRACE and END TRACE are NOT executable instructions.

They are merely directives to the compiler to either start compiling trace instructions or stop compiling trace instructions. Tracing costs 12 extra core for every IF statement for which the trace instruction is compiled.

If one wants to trace only arithmetic statements, an *ARITHMETIC TRACE control card should be included. Likewise, if one wants to trace only IF statements, an *IF TRACE control card should be included. In either case a BEGIN TRACE is still required. Including neither control card is equivalent to including both control cards.

If the program being traced was compiled in diagnostic mode the trace output will include statement and line numbers. (The peculiarities of the statement and ine number counter are mentioned in section 3 above.) Trace output in diagnostic mode is store up and printed in groups of five statements for a floating point mantissa length of 8. Trace output will never exceed 120 positions in width. All numbers from the trace are put out in source language form. Early printing of trace output will be forced by the execution of any of the following: non-disk input/output statement, computed Go To, STOP, END, PAUSE, RETURN, or an error message.

5. P-scaling

P-scaling has been implemented for E format output only. Using P scaling one can specify the number of places before the decimal point, as well as the number of places after the decimal point for E format output. For example: 1PE20.4 would mean place I digit before the decimal point and 4 after the decimal point. The output will be right justified in the 20 column field. Thus, 1PE20.4 would be equivalent to 9X, E11.4 in 1620 FORTRAN II-D. The number preceding the P can be any unsigned integer constant. When present the P must immediately precede the E. Once a P scale factor occurs in a format, all following E formats in that format statement will use that scaling factor until another P-scaling factor appears. If there is no P-scaling factor present, the E formats are compiled the same way IBM FORTRAN II-D does it. Thus:

FORMAT(E20.4, 1PE20.4, OP E20.4, 2E20.4)

would be equivalent to

FORMAT (E20.4, 9X, E11.4, 10X, E10.4, 2 (10X, E10.4)).

6. STOP and END change

The object coding for the STOP and END statements has been changed to that of a CALL EXIT. Thus, the STOP and END statements no longer halt when executed, but return directly to monitor. The STOP statement no longer prints STOP. This saves 36 core for every STOP statement in the program, and 12 core for the END statement.

C. Operating Procedure

The first deck replaces deck #8 of the Monitor object. It should be loaded using the Monitor loader (deck #1 of the monitor object). The second deck contains the object deck for the three new library subprograms, including monitor control card. This deck should be run under Monitor control.

D. EQUIPMENT REQUIRED

Indirect Addressing, Auto Divide, a Disk Drive, and a Printer.

E. Assemblers used:

SPS II-D and AFIT SPS. All op codes used, however, are in SPS II-D.

Warning: Do not insert any of IBM's corrections to Phase 1-A, Phase 1-B, or Phase 2 of the FORTRAN compiler (deck #8).

Technical Documentation:

All sections of the compiler which have been modified are preceded by a card with asterisks across it and followed by a card with periods across it. If the change involved only a deletion, a card with dollar signs across it is inserted.

An explanation of the changes made follows:

A. Phase 1-A

The digit for calling the diagnostic mode debugging routine Card 00230 is initially on.

Cards 02180-02190 The digit is turn off only if a *NO DIAGNOSTICS control card is found

Cards 02422-02428 If neither the arithmetic trace switch nor the if trace switch is on at the exit from phase 1-A, turn both switches on. This is not as drastic as it sounds since no trace instructions will be compiled unless there is a BEGIN TRACE in the program.

B. Phase 1-B

Cards 03022-03028 The first three letters (in double digit coding) of END TRACE and BEGIN TRACE preceded by the place to go. Since one END TRACE is processed in the END statement routine (see below) previous to this point, the compiler goes directly to the next statement. BEGIN TRACE is processed lator in the NONARA routine.

Cards 08442-08453 Check for END TRACE before processing END statement. If it is an END TRACE the intermediate output will look like: U153U140U13Z.

Cards 08640-08650

and 09040-09050 Disk assignment of block 1 and block 6 have been switched to create more room in block 1.

Cards 12495-14243 Changes for P-scaling. The compiler delays the output of an E format into the intermediate output until it is determined if P-scaling is required. Assume a format of Ew.d and a P-scaling factor of p. Then if w' = d + p + 6 and x = w - w' then the format of xX, Ew'.d will create the desired effect using the implied scaling factor of the incore subs. Thus x is calculated and if it is strictly positive an X format specification is placed into the intermediate output ahead of an E format with the reduced width specification. If x is zero or negative, the E format is put into the intermediate format the same way IBM does it. Thus, by using an assumed scale factor of 998, the compiler is assured that, unless a P-scale factor is specified, x will always be negative and all E formats will be compiled as IBM does them.

Cards 14812-14817 The intermediate output code for BEGIN TRACE would be: 015401400132. The intermediate output codes of 153 and 154 appear to also be in use for function calls. However, since these codes do not occur at the beginning of an intermediate output string, there is no possibility for confusion.

Cards 25485-2552B The usually intermediate output for a non-disk input/output statement such as READ 10, A could be: 0112T9890123T977013Z where

0112 means this is a READ

T989 means that the symbol table entry in digits 19890-19899 refer to statement number 10.

 $\overline{0}$ 123 is the coding for a comma

T977 is the first four digits of the symbol table entry for A

0132 is the "semi-colon" which separates intermediate output strings.

Now READ, A could be coded as: 01129999012319770132 And Read IFOR, A could be coded as: 011299980123T966012319770132 where

9999 is a pseudo code for free format

9998 is a pseudo code for variable format

1966 is the first four digits of the symbol table entry for IFOR.

The patching done to the CSORN routine is used to make sure the variable used for variable formatting is dimension (otherwise an ERROR 26 will result).

C. Phase 2

Cards 60764-00796 This routine removes intermediate output from disk. The ADSL and GETX routines have been eliminated.

Cards 00797-00797

and 00931-00931 Process the BEGIN TRACE and END TRACE statements.

Cards 00932-00937 Output a BTM to the diagnostic subroutine with the statement and line counter in the Q address as SSSSI where SSSS is the statement number and I is the line counter, where I is flagged if the count is over 10, if the program is in diagnostic mode and there is not a statement number coming up for processing.

Card 01485

Save statement number for statement and line counter.

Card 01670

Go back to generate diagnostic statement after processing statement number. Since FORMAT statements result in a branch at card 01660, there will not be a diagnostic statement generated for FORMATS.

Cards 12835-12955

and 19327-19330 Do not generate trace instructions unless TRCSW has been set by a BEGIN TRACE.

Cards 18040-18050

and 22554-22556 Force trace output at execution time if in diagnostic mode. Diagnostic mode is indicated by a digit at UFSTR + 27. The TFM-NEXT, O moves a four digit zero into the Q address of the instruction immediately preceeding in the output buffer, namely the diagnostic instruction. When executed this will cause the trace routine to empty the contents of its output area if it is not already empty.

Cards 18203-18207 Dorg back over diagnostic statement for a simple GOTO if this is in diagnostic mode. Cards 18573-18577 and 20073-20077 and 23746-23748 Force trace output for PAUSE, STOP, END, computed GOTOs and for non-disk input-output statements. Cards 23751-23756 Linkage to free format routine is as follows: BTM -2393, * BTM IOENT, 0, 10 etc. where -2393 is the indirect entry to the free format routine IOENT is the entry in the incore subs corresponding to the indicated I/O device. etc. the rest of the code is as for a standard I/O statement. Cards 23758-2375E Linkage to variable format routine is: TFM PAR, ISIZE BTM -2388, ARRAY BT IOENT, 434 etc. is a five digit storage location in the incore where PAR ISIZE is the number of elements in the array which has the format -2388 is the indirect entry to the variable format routine. ARRAY is the address of the first element of the array which contains the format. IOEMT is the entry in the incore subs corresponding to the indicate I/O device.

Cards 27193-27197 Dorg back over the diagnostic instruction for FUNCTION and SUBROUTINE declarations.

format).

is the high core indicator (which will contain the address of the beginning of the compiled *PUNCH RESEQUENCED SOURCE DECK
*LIST PRINTER
*OUTPUT CARD
*PRINT SYMBOL TABLE
(ID) ** FORTRN FREE FORMAT INPUT/OUTPUT LIBRARY SUB
*LIBR
*STORE RELOADABLE
*ID NUMBER 0039
*ASSEMBLE RELOCATABLE
*ERROR STOP

12

FORTRN FREE FORMAT INPUT/OUTPUT LIBRARY SUB

PAGE 1

PROPUT	00316R	PROGET	01044R	NUMER2		NEWRET	00308R	MATRIX	06518
LPTEST	01500R	FORMAT	00277R	EPTEST	02696R	EPFORM	00720R	COMPSW	05750
COMPLT	07006	ARRAY 2	02276R	ADDEXP	02708R	ADCOW	00005R	AM	02288R
AR	01616R	ARR	00604R	ARRAY	02204R	BACK	00792R	BB	02336R
ВZ	01736R	CYC	01112R	DECIM	01540R	EFORM	02424R	ER	01344R
ERMES	01363R	ERROR	01384R	FR3	02052R	ER6	01172R	ER7	01596R
EXP	01606R	EXPAN	00896R	EXPSN	00898R	EXP2	02768R	F	02219
FAC	02492	FIXFL	01111R	FL	01992R	FLOAT	00612R	FM1MF	03313
FP1MK	03283	FSR	02120R	GAD	01007R	GETSW	06061	HERE	02370R
INPUT	06179	LOUP	00078R	LP	01440R	MANSN	00899R	MAX2	06145
MINUS	01520R	MORE	00254R	NOER	01192R	NONEW	00352R	NOP	00443R
MUM	01236R	NUMER	01712R	NUM2	02560R	ON	00158R	ONE	01391R
OUT	00931R	PAR	03378	PERM	00977R	PLACE	05820	PLUS	01816R
PLUS2	02684R	PKU	00984R	READ	00006R	SLASH	06676	SWC	06090
SWF	05969	TEST	01216R	THERE	01766R	TRANS	02156R	TSTFL	01840R
UMDFX	00436R	VAR	00983R	WELL	00502R	WELLP	00484R	WHAT	00284R
ZERO	02404R	30Z	02403R						

```
00004 00005 -0006
00010
                                              READ
                                            -ADCOW, NOP
,READ-1
,2492
FSR+11, FAC-32
                                                                                            ***, NOP CALLING INSTRUCTION
***, CORE STORAGE ADDRESS
***, WORK AREA
                                                                                                                                                                                                    00006 LJ 0000N 00443
00005 00000
 00020 READ
00030 ADCOW
                                                                                                                                                                                                    02492 00000
                                                                                                                                                                                                    00018 J6 02131 -2460
00030 K1 02131 02219
00042 J1 00005 000K3
00054 J0 0000N -0272
 00050
                                TEM
                                                                                             ... SET UP FINAT SHIFT RIGHT
                                              FSR+11,+AC-32
FSR+11,2C19
ADCOW,23,10
-ADCOW,FORMAT-5
ADCOW,7,10
UN,-ADCOW
-ADCOW,-7400
00060
00070
                                                                                             ,,,MOVE TO Q ADDRESS
                               AM
TFM
                                                                                             ,,,START CHECKING THOSE ADDRESSES
,,,NEGATIVE ADDRESS MUST BE SUBSCRIPTING
00080
                                                                                                                                                                                                    00066 J1 0000N -0272
00066 J1 00005 000-7
00078 MM 00158 0000N
00090 J4 0000N -740-
00102 M7 00254 01300
00114 J1 00005 000-7
 00090
 00100 LNOP
00110
                                BNF
CM
 00120
                                ВL
                                            MURE
ADCOW,7,10
 00130
                                                                                             ,,,START LOOKING FOR NEXT INSTRUCTION
00140
00150
                                AM
BNF
                                              ADCOW,10,10
*-12,-ADCOW
LOOP-12
                                                                                                                                                                                                    00126 J1 00005 000J0
00138 MN 00126 0000N
00150 M9 00066 00000
 00160
                                ВŹ
                                                                                          ,,,is this the end
,,,yes start execution
,,,check for simple variable entry
                                                                                                                                                                                                    00158 J4 0000N -7006
00170 M6 02336 01200
00182 J4 0000N -6090
00194 M7 00218 01200
 00170 ON
                                                -ADCOW, COMPLT
 00180
00190
                                              BB -ADCOW, SWC
                                CM
BNE
 00200
                                              *+24
                                              *+24
-ADCOW,PRO
-ADCOW,MATRIX
*+24
-ADCOW,ARRAY
 00210
00220
00220
00230
                                TFM
CM
BNE
                                                                                                                                                                                                    00206 JN 0000N -0984
00218 J4 0000N -6518
00230 M7 00254 01200
                                                                                           ,,,YES - SUBSTITUTE ADDRESS
,,, IS THIS ARRAY ENTRY
                                                                                             ;;;
;;; S - SUBSTITUTE ADDRESS
;;;ONWARD TO THE NEXT P ADDRESS
                                                                                                                                                                                                   00230 M7 00254 01200 00242 JU 0000N -2204 00254 JI 00005 00012 00266 M9 00078 00000 00277 00005 -0284 00284 12 05969 000-5 00296 M3 00316 06061 00308 M9 01216 00000 07006 00000 07006 00000
 00240
                                TEM
                                              ADCOW,12,10
LOOP
BB,WHAT
 00250 MURE
 00270 FORMAT DSA
 00280 WHAT
                                            SWF,5,10
PROPUT,GETSW
 00280 WHAT SM
00290 BD
00300 NEWRET B7
00310 CUMPLT DS
00320 MAX2 US
00330 SWC US
00340 MATRIX DS
                                                                                             ,,,BRANCH IF WRITE
                                               TEST
,7006
                                               ,6145
,6090
,6518
                                                                                                                                                                                                    06145 00000
                                                                                                                                                                                                    06090 00000
06518 00000
05969 00000
05750 00000
 00350 SWF DS
00360 CUMPSW DS
00370 PLACE DS
00380 GETSW DS
                                               ,5969
,5750
,5820
,6061
                                                                                          ;;;
;;,NEXT PLACE ON RECORD--LAST
;;,1 FOR WRITE, O FOR READ--RWEFSW
;,,I/O AREA--INH
                                                                                                                                                                                                    05820 00000
06061 00000
00340 GETSW DS
00490 INPUT DS
00400 SLASH DS
00410 F DS
00420 PAR DS
00430 PROPUT AM
                                               ,6179
                                                                                                                                                                                                    06179 00000
                                                                                          ,,,
,,,
                                               ,2219
                                                                                                                                                                                                    02219 00000
03378 00000
                                                                                                                                                                                                    03378 00000
00316 11 05820 000K4
00328 24 05820 06145
00340 46 06676 01100
03283 00000
03313 00000
                                               PLACE - 24 - 10
                                            PLACE, MAX2
SLASH
,3283
                                                                                 ,,,IS I/O AREA FULL
  00440
 00450
00460 FP1MK
                                                                                            ,,,HIGH ORDER OF A FIXED NUMBER
                                DS
 00470 FM1MF
                               DS
                                                .3313
                                                                                                                                                                                                   03313 00000
00352 15 05750 00000
00364 33 0331L 00000
00376 33 0328L 00000
00388 20 02492 0098L
00400 J2 00983 000-2
00412 20 02490 0098L
00424 MM 00612 01111
00436 J5 01381 00005
                                              ,3313
COMPSW,O
-EM1MF
-FP1MK
FAC,-VAR
VAR,2,10
 00480 NONEW
00490
00500
                                TDM
CF
CF
TF
                                                                                          **,**CHEAR HIGH ORDER FLAGS
**,*CLEAR HIGH ORDER FLAGS
**,*CLEAR HIGH ORDER FLAGS
**,*MAVE THE VARIABLE INTO FAC
 00510
 00520
                                              FAC-2,-VAR
FLOAT, FIXFL
ERROR-3,5
 00530
00540
                                                                                             ,,,GOTO FLOATING OUPUT ROUTINE IF MEEDED ,,,UNDEFINED FIXED NUMBER ER R5
 00550 UNDEX
                                TDM
                                DSC
BNF
TFM
                                               3,410,*-4
ERROR ,-FP1MK
WELL,OUT+22 ,
                                                                               MK ,,,CHECK FOR HIGH ORDER FLAG
 00560 NOP
                                                                                                                                                                                                    00443 00003
                                                                                                                                                                                                    00448 M4 01384 0328L
00460 JO 00502 -0953
 00570
00580
   FORTRN FREE FORMAT INPUT/OUTPUT LIBRARY SUB
                                                                                                                                                                                                      PAGE
                                                                                                                                                                                                    00472 33 0328L 00000
 00590
                                              -FP1MK
                                              GAD, FAC
*-*, GAD
,*-5
FAC, FAC-1
                                                                                                                                                                                                    00484 K5 01007 02492
00496 20 00000 01007
00502 00000
00508 26 02492 02491
 00600 WELLP
                                TD
  00610
  00620 WELL
                                DS
TF
  00630
                                                                                                                                                                                                    00508 26 02492 02491

00520 J2 00502 000-2

00532 14 02492 000-0

00544 M7 00484 01200

00566 MM 00580 00953

00568 J6 0050K 000K0

00580 L3 00953 00000
                                SM
CM
BNE
                                               WELL,2,10
FAC,0,10
WELLP
*+24,0UT+22
 00640
  00650
  00670
                                BNF
 00680
00690
                                TEM
                                               -WELL, 20, 10
OUT+22
                                CF
 00700
00710 ARR
                                TF
BB
DORG
                                               -PLACE, OUT+24
ARRAY2
                                                                                                                                                                                                     00592 20 0582- 00955
00604 M2 02276 00000
                                                                                              ,,, ARRAY CONTOL SWITCH
 00720
                                                                                                                                                                                                    00611
 007308
                                              ERROR-3,4

ERROR ,FAC-1

ERROR ,-FM1MF

UUT+22,PERM

99,FAC-2 ,,

-FSR-11,99

*+36,FAC-2

(UT+1) 2 11
                                                                                                                                                                                                    00612 J5 01381 00004
00624 M4 01384 02491
00636 M4 01384 0331L
00648 KN 00993 00977
00660 26 00099 02490
00672 K6 0213J 00099
00684 M4 00720 02490
 00740 FLOAT
00750
                                TDM
                                                                                              ,,, CHECK IF FLOATING NUMBER IS DEFINED
 00760
                                8NF
  00770
                                 TF
TF
  00780
                                                                                 ** ** MOVE MANTISSA
  00790
                                                                                             **, CHECK FOR NEGATIVE **, YES - PLACE MINUS
  00800
                                 BNF
                                              OUT+1,2,11
-FSR-11
FAC,-99,10
*+24
  00810
                                 TDM
                                                                                                                                                                                                     00696 J5 00932 0000K
                                                                                                                                                                                                    00708 L3 0213J 00000
00720 14 02492 000PR
00732 M6 00756 01200
  00820
  00830 EPFORM
                                                                                           ,,,CHECK FOR A ZERO
 00840
                                BE
                                               *+24
FAC,1,10
FAC-26,5,10
BACK
FAC-27,9999
OUT+4,FAC-31
OUT+4
FAC-27
                                                                                          *,, ADJUST EXPONENT FOR OUTPUT
*,, ROUND ANSWER
*,, CHECK FOR ALL NINES
                                                                                                                                                                                                     00744 12 02492 000-1
00756 11 02466 000-5
00768 M7 00792 01400
  00850
  00860
00870
                                                                                                                                                                                                    00788 M7 00792 01400

00780 16 02465 89999

00792 K5 00935 02461

00804 L3 00935 00000

00816 K5 00945 02465

00828 K5 00943 02464

00840 K5 00941 02463
                                                                                             **, RESTORE NINES
**, MOVE IN THE NUMBER
 00880
                                 TEM
  00890 BACK
00900
                                 Ťυ
  00910
                                               UUT+12,FAC-27

UUT+12,FAC-28

UUT+10,FAC-29

UUT+ 8,FAC-30

*+24,FAC

UUT+17, 2
  00920
                                  TD
  00930
                                 TD
                                                                                                                                                                                                     00852 K5 00939 02462
00864 M4 00888 02492
00876 J5 00948 00002
  00940
  00960
                                  TDM
                                                                                             ... NEGATIVE EXPONENT
                                                                                                                                                                                                     00876 J5 00948 00002
00888 33 02491 00000
00899 00000
00898 00000
00906 00000
00906 K5 00951 02491
00912 K5 00953 02492
00924 M9 00580 00000
  00970
                                                FAC-1
 00970
00980 MANSN
00990 EXPSN
01000 EXPAD
                                                ,*
,*-1
,*-3
                                 DS
                                                UUT+20,FAC-1
OUT+22,FAC
ARR-24
                                  ΤD
  01010
  01020
01030
                                  TD
B7
                                                                                                                                                                                                      00931 00001
  01040 OUT
                                DS
                                                  11
                                                                                                                                                                                                     00933 00022
00954 00002
00977 00022
  01050
                                 DAS
  01060
                                               2,0
11, 0.0000E+00,
  01070 PERM
                                 DSAC
                                DS
TD
DS
CF
  01080
                                                                                                                                                                                                      00982 00005
                                                                                                                                                                                                    00982 00005
00984 KN 01111 00983
00983 00000
01996 L3 00983 00000
01007 00004
01008 M6 01008 01400
01020 20 02492 02403
01032 M3 00316 06061
01044 KN 02370 02403
01056 J6 00899 -1000
  01080
01090 PRO
01100 VAR
01110
                                             FIXFL, VAR
,PRO-1
VAR
                                                                                              ,,,
                                                4,70,*
                                BV
TF
  01120 GAD
```

,,,CLEAR FAC
,,,GOTO OUTPUT ROUTINE IF NEEDED
,,,CLEAR THE INPUT AREA
,,,

PAGE 1

FORTRN FREE FORMAT INPUT/OUTPUT LIBRARY SUB

FAC,30Z PROPUT,GETSW

HERE, 30Z MANSN, 1000

BD

01150

01160 PROGET TF 01170 TFM

```
EXP,0,8
THERE,HERE-30
                                                                                        ,,,RESET EXPONENT AREA
                                                                                                                                                                                        01068 J6 01606 0-000
01080 J0 01766 -2340
01092 J5 01737 00006
01104 M9 01216 00000
                                                                                       ,,,SET UP PRECEDING ZERO SUPRESSION
01200
                              TDM
                                           BZ+1,6
 01210
                                            TEST
                                                                                                                                                                                       01104 M9 01216 00000
01111 00001
01112 14 0582- 000-0
01124 M6 01204 01200
01136 14 0582- 000K3
01148 M7 01236 01200
01160 MM 01192 01201
01172 J5 01381 00009
 01220 FIXEL
                              DS
                                             -PLACE,0,10
01230 CYC
01240
                                           TEST-12
-PLACE, 23, 10
                                                                                        ,,,BRANCH IF IT IS A BLANK
                                          NUM
NOER, NOER+9
ERROR-3,9
ERROR
NOER+9,-1
                                                                                       ,,,BRANCH IF NOT A COMMA
01260
                              BNE
01270
                                                                                        ,,,NO NUMBER BETWEEN COMMAS - ER R9
01280 ER6
01290
                                                                                       ;;;
;;;INDICATE COMMA FOUND
;;;MOVE ON
;;;RECORD MARD - GET NEXT CARD
                                                                                                                                                                                       01184 M9 01384 00000 01192 J5 01201 0000J 01204 11 05820 000-2 01216 M5 01112 0582- 01228 49 06676 00000 01236 14 0582- 00009 01248 J5 01201 00000 01272 14 0582- 000-3 01296 14 0582- 000J0 01308 M6 01816 01200 01320 4 0582- 000K0 01320 4 0582- 000K0 01320 4 0582- 000K0
 01300 NOER
                              TOM
                                           PLACE,2,10
CYC,-PLACE
SLASH
-PLACE,69,10
01310
                              ΔM
01320 TEST
01330
01340 NUM
01350
                                                                                      ,,, IS IT NUMERIC
,,,RESET COMMA INDICATOR
,,,YES - BRANCH
,,,CHECK FOR A PERIOD
                              TDM
                                           NOER+9,0
01360
01370
01380
                                           NUMER
-PLACE, 3, 10
                                                                                        ,,,CHECK FOR A PLUS SIGN
                              ВE
                                           DECIM
                                             -PLACE, 10, 10
01390
                                          PLUS
-PLACE,20,10
MINUS
ERROR-3,1
                                                                                                                                                                                       01308 M6 01816 01200
01320 14 0582- 000K0
01332 M6 01520 01200
01344 J5 01381 00001
01356 M9 01384 00000
01363 00005 -1373
01368 00003 K6G
01383 00012
                                                                                        ,,,CHECK FOR A MINUS
                              BE
TDM
                                                                                        ** ALPHABETIC DATA ON CARD - ER RI
01430 ER
01450 ERMES
                             DPRA
                                            ,ERROR-11,S
                                          6,ER R10,
,951
6,10000,*-4
ERMES
                                                                                       ,,,
,,,ERROR PRINT OUT ROUTINE
01460
                              DSAC
01470 ERROR
01480 DNE
                                                                                                                                                                                        01384 34 00000 00951
01391 00006
                                                                                                                                                                                        01396 10 00565 -1419
01408 4R 00532 -1363
01420 M3 00604 06061
01490
                              PUT
                                           ARR ,GETSW
LPTEST
-PLACE,0,10
TSTFL
-PLACE,23,10
TSTFL
PLACE,2,10
01500
                              ΒĐ
                                                                                       ,,,GO ON IF OUTPUT
                                                                                                                                                                                       01432 M9 01500 00000
01440 14 0582- 000-0
01452 M6 01840 01200
01464 14 0582- 000K3
01476 M6 01840 01200
01488 11 05820 000-2
01510
01520 LP
                                                                                       ,,, MOVE TO NEXT BLANK OR COMMA
01530
                              BE
                                                                                                                                                                                       01548 11 05820 000-2
01500 M5 01440 0582-
01512 M9 01840 00000
01520 L2 00899 00000
01532 M9 01816 00000
01540 ML 01572 00896
01552 J5 01381 00002
01564 M9 01384 00000
                                           LP,-PLACE
TSTFL
MANSN
01570 LPTEST BNR
                                                                                       ,,,, INDICATE NEGATIVE MANTISSA
 01590 MINUS
01600
                                            PLUS
 01610 DECIM
                                           *+32,EXPAD
ERROR-3,2
                                                                                       ,,,CHECK FOR TWO DECIMAL POINTS
                              BD
TDM
 01620
01620
01630
01640
01650
                                           ERROR
EXPAD,0,10
                                                                                       ;;;
;;,CLEAR EXPONENT ADD AREA
;;,CHECK IF FLOATING
;;,NO ER R7
                                                                                                                                                                                       01572 J6 00896 000-0
01584 MM 01816 01111
01596 J5 01381 00007
                                           PLUS, FIXFL
ERROR-3,7
4,0,*-1
ERROR
01660 ER7
                              TDM
01670 EXP
                             DC
87
                                                                                                                                                                                        01606 00004
01608 M9 01384 00000
                                            -PLACE,0,10
TSTFL
-PLACE,23,10
                                                                                       ,,, IS IT BLEANK
                                                                                                                                                                                       01616 14 0582- 000-0
01628 M6 01840 01200
01690 AR
                              СМ
01700
01710
                                                                                       ,,,OR A COMMA
                                                                                                                                                                                        01640 14 0582- 000K3
                                                                                                                                                                                       01640 14 0582- 00083
01652 M6 01840 01200
01664 14 0582- 000-3
01676 M6 01540 01200
                                            TSTFL
01720
                              BE
01730
                                           -PLACE,3,10
DECIM
                                                                                       ,,,IS IT A PERIOD
  FORTRN FREE FORMAT INPUT/OUTPUT LIBRARY SUB
                                                                                                                                                                                          PAGE
                                                                                                                                                                                       01688 14 0582- 00009
01700 M7 02424 01100
01712 KJ 01606 00896
01724 14 0582- 000P0
01736 M6 02404 01200
01750
                                           -PLACE, 69, 10
                                                                                       ,,, IS IT NUMERIC
                                          EFORM
EXP, EXPAD
                                                                                      ,,, DP EXPONENT BY EXPAD
,,, IS IT ZERO
,,,THIS MAY BE A NOP
,,MAKE IT A NOP
,,,SAVE THAT DIGIT
                              BNH
01770 NUMER
                                          EXP, EXPAD

-PLACE, 70, 10

ZERO

BZ+1, 1

*-*, -PLACE

,*-5
01780
01790 BZ
                                                                                                                                                                                       01748 J5 01737 00001
01748 J5 01737 00001
01760 25 00000 0582-
01766 00000
01772 J1 01766 000-1
01784 MN 01816 01760
01800
                              TDM
01810
                              TD
                                                                                      ,,,MOVE TO NEXT DIGIT
,,,CHECK FOR OVER FLOW
,,ER R8
01820 THERE
                             DS
01830
01840
                                            THERE,1,10
                                           PLUS, -THERE
ERROR-3,8
01850
                                                                                                                                                                                       01796 J5 01381 00008
01808 M9 01384 00000
01816 11 05820 000-2
01828 M5 01616 0582-
                              TOM
                                                                                    01860
                                           ERROR
                                          ERROR
PLACE, 2, 10
AR, --PLACE
FL, FIXFL
THERE, 1, 10
FAC, --THERE
FAC, MANSN
--FPIMK
                                                                                                                                                                                       01840 MM 01992 01111
01852 J2 01766 000-1
01864 2J 02492 01760
01890 TSTEL
                             BNE
01900
                                                                                                                                                                                       01876 7J 02492 00899
01888 32 0328L 00000
01900 K6 01930 03283
01920
01930
                              SF
TF
                                                                                       ,,,SET HIGH ORDER FLAG
                                           *+30,FP1MK

*+18,1,10

*-*,0,10

TRANS
01940
01940
01950
01960
01970
                                                                                                                                                                                       01912 J2 01930 000-1
01924 14 00000 000-0
01936 M6 02156 01200
                                                                                       ***CHECK FOR OVERFLOW
                              вE
                                                                                       ,,,YES TYPE ER R6
                                                                                                                                                                                       01948 34 00000 00102
01960 J5 01381 00006
01972 L9 01373 00100
01984 M9 02156 00000
01980
                              RCTY
 01990
                                          ERROR-3,6
ERROR-11
                                                                                       ,,,
                                                                                      ;;;
;;,CHECK FOR ZERO
;;,SET -99 EXPONENT
;;,SET UP EXPONENT
;;,CHECK FOR OVERFLOW
02010
                              B7
                                           TRANS
                                          *+24,HERE-30
EXP,-99,8
EXP-1
EXP-2,0,10
                                                                                                                                                                                       01992 ML 02016 02340
02004 J6 01606 0-09R
02016 L2 01605 00000
02020 FI
                              BD
02030
                              TFM
SF
                                                                                                                                                                                      02016 L2 01605 00000

02028 J4 01604 000-0

02040 M6 02084 01200

02052 J6 01606 0-099

02064 J5 01381 00003

02076 M9 01384 00000

02084 20 02492 01606

02096 L2 02340 00000

02108 20 02490 02369
02050
02060
                                            *+44
                                          EXP,99,8
ERRUR-3,3
02070 ER3
02080
                                                                                      ... FOR THE SECOND TIME AROUND
                              TUM
02090
                                           ERROR
                                           FAC, EXP
HERE-30
FAC-2, HERE-1
02100
                                                                                    ,,,MOVE IN THE EXPONENT
                                                                           ,,,
,,,MOVE IN THE MANTISSA
,,,SET MANTISSA TO RIGHT LENGTH
,,SET CORRECT SIGN
02120
                                          FAC-2, HERE-1
FAC-2, *-*
*+24, MANSN
FAC-2
-VAR, FAC
VAR, 2, 10
-VAR, FAC-2
                                                                                                                                                                                       02100 26 02490 00000
02132 MM 02156 00899
02144 32 02490 00000
02156 K6 0098L 02492
02130 ESR
                              TF
02140
                              BNE
02150
02160 TRANS
                                                                           ,,, MOVE VALUE INTO THE VARIABLE
                                                                                                                                                                                       02156 K6 0098L 02492
02168 J2 00983 000-2
02180 K6 0098L 02490
02192 M9 00604 00000
02204 J5 00605 00009
02216 K6 02299 02219
02170
                              SM
02180
                              TF
```

,,,SET ARRAY SWITCH

,,,TEST FOR END OF ARRAY

,,,RESET THAT SWITCH

,,, ,,,FIXED OR FLOAT

PAGE 3

FORTRN FREE FORMAT INPUT/OUTPUT LIBRARY SUB

ARR ARR+1,9 AM+11,F

AM+11

AM+11,2,10 *+36,ARRAY-1 AM+11,2221

VAR, ARRAY-1 ARRAY-1

PAR,1,10

ARR+1,2

33,0 1,a

02200 ARRAY 02210

02260 ARRAY2

02270 AM 02280

02320 HERE

TF

BNN

TOM

BB2

DÇ

02220

02230 02250

02290

02300

02330

02216 K6 02299 02219 02229 02229 000-2 02240 MM 02276 02203 02252 K6 02299 00000 02276 KU 00948 02203 02268 JI 02203 -0000 02300 12 03378 000-1 02312 M6 00948 01300 02324 J5 00605 00002 02324 J5 00605 00002

02336 42 00000 00000 02370 00033 02371 00001

FORTE	RN FREE	FORMA	T INPUT/OUTPUT LIBR	ARY SUB	PAGE	5	
02340	30Z	DC	32,0		02403	00032	
02350	ZERO	SM	EXP,1,10	,,,PRECEDING ZERO	02404	J2 01606 0	000-1
02360		B7	PLUS	111	02416	M9 01816 (00000
02370	EFORM	BNF	*+20,FIXFL	,,,FIXED - WERE IN TROUBLE	02424	MM 02444 (01111
02380		B7	ER7	***	02436	M9 01596 (00000
02390		TEM	NUMER2+6, FXP2-3	111	02444	JD 02646 -	-2765
02400		CM	-PLACE, 45, 10	,,,CHECK FOR AN E	02456	14 0582- 0	000M5
02410		BNE	ER	,,,NO - BRANC H TO ER R1	02468	M7 01344 (01200
02420		AΜ	PLACE, 2, 10	,,,MOVE TO NEXT CHARACTER	02480	11 05820 0	000-2
02430		CM	-PLACE, 10, 10	,,,IS IT A PLUS (+)	02492	14 0582- 0	00000
02440		ВE	PLUS2	111	02504	M6, 02684 (01200
02450		CM	-PLACE, 20, 10	,,, IS IT A MINUS (-)	02516	14 0582- 0	000K0
. 02460		BNE	EPTEST	111	02528	M7 02696 0	01200
02470		SF	EXPSN	,,, YES - SET EXPONENT SIGN.	02540	L2 00898 (00000
02480		87	PLUS2	111	02552	M9 02684 (00000
02490	NUM2	CM	-PLACE,69,10	,,,IS IT NUMERIC		14 0582- 0	
02500		вн	NUMER2	,,,YES - BRANCH	02572	M6.02640 (01100
02510		CM	-PLACE,0,10	,,, IS IT BLANK	02584	14 0582- 0	0-000
02520		₿E	ADDEXP	,,,YES - O.K.		M6 02708 0	
02530		CM	-PLACE, 23, 10	,,, IS IT A COMMA	02608	14 0582- 0	000K3
02540	•	BE	ADDEXP	,,,YES - O.K.	02620	M6 02708 0	01200
02550		87	ER	,,,ERROR		M9 01344 (
	MUMER2	TD	*-*,-PLACE	,,,SAVE THAT DIGIT		25 00000 0	
02570		AΜ	NUMER2+6,1,10	,,,MOVE TO NEXT DIGIT	02652	J1 02646 0	000-1
02580		BMR	PLUS2, NUMER2+6,11	111		MN 02684 0	
02590		B 7	ER3	,,,OVER FLOW		M9 02052 (
	PLUS2	AΝ	PLACE, 2, 10	,,,GOTO NEXT CHARACTER		11 05820 0	
	EPTEST		NUM2,~PLACE	111		M5 02560 0	
	ADDEXP		NUMER2+6,1,10	,,,ADD INTO EXPONENT AREA		J2 02646 (
02630		BNF	*+24,EXPSN			MM 02744 (
02640		SF		FT SIGN		L2 02640 (
02650		Δ	EXP,NUMER2+6,11	,,,		KJ 01606 (
02660		B7	FL	***		M9 01992 (00000 -
02670	EXP2	DC	6,0	111	02768		
02680		DC .	1,8	,,,	02769	00001	
02690		DEMD	1	111	00001		

02770 CORE POSITIONS REQUIRED PLUS RELOCATION INCREMENT 00269 STATEMENTS PROCESSED

**** 1	620 FORTR	AN II-D	PHASE	1-A						NOVEMBER,	1966	PAGE	1 .
						S YMBOL	TABLE						
ERMES3 CHIEND	05648 16000 02385 06015 15999 05760 15139 02324	WAOBJP RECMKS PGRMSW INPUTD ERMES2 CALLP2 AFTBL CHI5 FP2 INIT IPPT LSTAD	16023 02226 06091 05959 02400 15035 15839 02298 05875 03542	COMST FWORK IOCAL IPTY	02294 06099 05805 05899 04244 02461 02382	SUBFCT PRSCAN MULDEF FKTEST DISKSW BUFSCS B7SCT DUMMY GRMK IOGT JAY N1	02454 02384 05176 02383 06218 00003	SCSDDA PROGST MONCAL FCTEND DIMDDA BUFEOT BRDAD ENTLN HFAD IOPT KLNG N11	02257 00796 02318 05836 06320	IFTRC IORBC	02486 02994 02227 05828	INDDA IORT LDPHA	02243 02478 02248 02248 02262 02230 04116 02250 02813 00565 16024
N12 PGNUM	03598 02222 02243 03149	N2 PRST STBL W	02238 02229 02377 02240	N21 PRTAD TBCNT	03706 02502	N31 PRTHD TEND WASS	05520	PGHD PUT T111 WASS2	05588 05720 02933	PGHD2	02838 05774 02313 03065 02296	N1142 PGHD3 RDONF T113	

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1620 FORTRAN II-D
                                                  PHASE 1-A
                                                                                                                                              NOVEMBER, 1966
                                                                                                                                                                                   PAGE
LOCTN OP
                    P/1
                                  ۵
                                                     PG/LN LABEL MNEM OPERANDS AND REMARKS
                                                                             1620 FORTRAN II-D
DORG 02218
                                                                                                                  PHASE 1-A
                                                     00020
                                                                             DC
DC
DSC
                                                                                     5
02222
                   00005
                                                     00030
                                                                                                      ,-100
                   00003
00001
00002
                                                     00040
00050
02222
                                                                                                      , 2
,67
02225
                                                     00060
                                                                             DC
02226
                   00006
                                                     00070
                                                                 PGRMSW DSC
                                                                                      ,PGRMSW
,PGRMSW+1
02226
                    00000
                                                                 IFTRC DS
FACTRC DS
LIST DS
PRST DS
02227
02228
                   00000
                                                     00090
                                                     00100
00110
00120
00130
                    00000
                                                                                       , PGRMSW+2
02229
                   00000
02230
                   00000
                                                                 BIGPRT
                                                                                       ,PGRMSW+4
                                                                 N1
                                                                             DC
                                                                                                      • 0
                                                     00140
00150
00160
                                                                             DC
DC
02238
                    00005
                                                                 N2
W
                   00002
02240
02243
                                                                 RECLG
                                                                                                       ,000
                                                                SAVSYM DS
LENGTH DS
FLNG DS
KLNG DS
PROGST DC
COMADD DC
                                                     00170
00180
00190
00200
02243
                   00012
                                                                                      12
5
2
2
5
                                                                                                      RECLG
                   00005
00002
00002
00005
00005
02250
02252
02257
                                                     00210
00220
                                                                                                      .00000
02262
                                                     00225
00230
00235
                                                                 *******
02263
                   00030
                                                                 USEDFS DSC
                                                                                                      ,100
                                                                 *.....SUBFCT DC 1
02293
                   00001
                                                     00240
02294
02296
02298
                   00001
00002
00002
                                                    00250
00260
00270
                                                                PUSTSN DSC
WW DS
FP2 DS,
                                                                                     2
5
5
5
5
5
*+42,FMON-1,,
IORT,*+23
IOGT,,7
                                                     00280
00290
00300
00310
02303
                   00005
                                                                 TEND
LSTAD
02308
                   00005
02313
02318
                    00005
                                                                 P2PTR
FCTEND
                                                                             DS
                   00005
                                                     00320
00330
00340
                                                                             DS
TF
TFM
02323
                    00005
02324
02336
02348
                   02366
00565
00566
                               02323
<del>0</del>2359
<del>0</del>0000
                                                                 FMON
                                                                                                                         SETUP ROUTINE ENTRY
                                                     00350
                                                                             В
                                                     00360
00370
00380
02360
            49
                   00000
                                00000
                                                                                                                         GO TO EXECUTE CALLED ROUTINE
02367
02367
                    00001
                                                                             DSC
                                                                NXLOC DC
STBL DS
COMST DS
DISKSW DSC
                                                     00390
00400
00410
00420
02372
02377
                   00005
                                                                                                      ,15999
                    00005
                   00005
00001
02382
02383
02384
02385
                                                                                      1,0
                   00001
                                                                 MULDEF DC
INTOP1 DSC
                                                     00430
                                                                                      1,0
                                                                                     1,0
5,00600
3,001
CARD
                    00001
                                                     00440
00450
00460
00470
                                                                             DC
DC
DSA
02390
                   00005
02393
02398
02399
                   00001
                                                     00480
                                                                             DC
                                                                                      1.0
                                                     00490
00500
                                                                 CALLP2 TFM
BTM
                                                                                    FMON+35,BLK8
FMON,CALLP2
02400
                   02359
                                02461
02412
02424
                                                                 INDIV
                    00001
                                                     00510
                                                                             DS
                                                                                 INDIV = 0 FOR CARDS, 1 FOR TYPEWRITER, FLAGGED 3 FOR PAPER TAPE
                                                     00520
                                                                 TBCNT
ENTLN
                                                                                                    ,00000
,RECLG+5
02429
02248
                   00005
                                                     00540
00550
                                                                             DC
DS
                   00000
                                                                                                                                                                                                         20
****
                1620 FORTRAN II-D
                                                   PHASE 1-A
                                                                                                                                              NOVEMBER, 1966
                                                                                                                                                                                   PAGE
LOCTN
          0P
                    P/L
                                                     PG/LN LABEL
                                                                             MNEM OPERANDS AND REMARKS
15035
15139
15839
                   00000
00430 X2
00000
                                                     00560
00570
00580
                                                                AFTBL
CHI
CHI5
                                                                                      ,15035
                                                                                      430
                                                                                     ,cHI+700
,CHI+860
,716
,566
,520
                                                                             DS
                                                                                                      .CHI+700
15999
15036
00716
00566
00520
                                                     00580
00590
00600
00610
00620
00630
                   00000
00000
00000
                                                                 CHIEND
CARD
IOCAL
                                                                 IOGT
IORBC
                                                                             DS
DS
                   00000
                                                     00640
00650
00660
00670
                                                                 IOPT
IOSK
ERRET
                                                                             DS
DS
DS
DS
                                                                                      ,532
,554
,602
00532
                   00000
00554
00602
00565
                    00000
                                                                 IORT
                                                                                       ,565
                                                                                     ,365
,796
FMON+35,,,BLK7
FMON ,E86440
,E86440+31
FMON+35 ,PHBDAT
FMON ,10512,,
                                                                 MONCAL DS
E86440 TFM
BTM
00796
                   00000
                                                     00680
02430
02442
                   02359
                                                     00690
00700
                                00000
                                02430
02461
                    00000
                                                     00710
                                                                             D.S
                                                     00710
00720
00730
00740
02454
                   02359
                                02478
10512
                                                                 PRSCAN TEM
BTM
02466
02478
02484
                                                                                                                       CALL IN PHASEB AND EXECUTE
                                                                 PHBDAT DSC
                   00002
                                                                                      PHBDDA
                    00005
                               02486
                                                     00750
                                                                             DSA
02484
02485
02486
02491
02494
02499
                                                     00760
00770
00780
                                                                                      1,0
1,0
5,17200
                   00001
00001
                                                                 PHBDDA DSC
                                                                             DC
DC
DSA
                    00005
                                                     00780
00790
00800
00810
00820
00830
                                                                                      3,084,,,
E86440
                    00003
                                                                                                                       SECTOR COUNT OF PHASEB
                    00005
                               02430
02500
17340
00003
                   00003
00001
00000
00000
                                                                                      1,0,17340
                                                                             DC
DS
                                                                 B8DAD
                                                                             DS
                                                                 B7SCT
PRTAD
                                                                                     ,3
,1,88DAD,87SCT,N11+4
1,0
2,22,,, RE
PRTAD
02502
                   00014
                                                     00840
                                                                             DDA
                                                     00850
00860
00870
                    00001
                                                                             DC
DSC
02517
02523
                   00002
00005
                                                                                                                       READ PAGE OFLO
                               02502
                                                                             DSA
                                                                             DC
BV
TDM
02524
                    00001
                                                     00880
                                                                                      1,a
*+12
                   02538
00000
02568
                                                     00890
00900
00910
02526
                               01400
                                                                 N11
02538
02550
                                00000
20000
                                                                                      00000
                                                                                     AΜ
                                                                                                                                 CALCULATE MEMORY SIZE
            31
02562
                    00004
                                05759
                                                     00920
02574
                    02550
                                00000
                                                     00930
                                                                              BNR
02586
02598
                                02568
            26
26
12
16
49
                   02377
                                                     00940
                                                                              TF
TF
                   05826
                                                     00950
02610
                   05826
00565
00566
                                00999
02645
05805
                                                     00960
00970
00980
02622
02634
                                                                                                                                 INITIALIZE SYMBOL TABLE
                                                                             SM
C
BNL
                                                                                      INDDA+10 ,1
INDDA+13 ,NXLOC
*-48
02646
            12
                   05823
                                00001
                                                     00990
02658
02670
                                02372
                    05826
                                                     01000
                   02622
                                                     01010
02682
            15
                   06318
                                00000
                                                     01020
                                                                              TDM
                                                                                      BUFSCS+100,*-*
                                                                             DGM
TD
TD
TF
TF
TF
                   00001
07120
07222
02933
                                                     01020
01030
01040
01050
01060
02693
                                                                 GRMK
                                                                                      *
BUFEOT+800,GRMK
BUFDIM+100,GRMK
T1111 ,STBL
FCTEND ,STBL
IORT ,*+23
            25
25
26
26
                                02693
02706
02718
                               02693
02693
02377
02377
<del>0</del>2765
02730
                   02318
                                                     01070
                                                                                     FCIENU ,316L
IORT ,*+23
IOGT ,DIMDAT ,7,
DIMDDA+5 ,BUFDIM+45,,
DIMDDA + ,BUFDIM+40
DIMDDA+8 ,008 ,9
02742
                   00565
                                                     01080
01090
01100
                   00566
05841
                               05828
07167
                                                                                                                                  GET FIRST 5 DIM ENTRIFS
IN EQUIVALENCE TABLE DIM ENTRY
            26
25
02778
                   05836
05844
                                07162
                                                     01110
                                                                                                                                                                                                      21
```

*****		620 FOR	TRAN II-D	PHASE PG/LN		MNFM	OPERANDS	AND REMAR	RKS'	NOVEMBER, 1966 PAGE	3
02802	16	05849	0 6320	01130	-	TFM	DIMDDA+1	B,BUFEOT			
02814 02826	16 49	00565 00566	0 2837 0 5828	01140 01150		TFM B	IORT. IOGT	,*+23 ,DIMDAT	,7,	GET 8 SECTORS OF EQUIV. TABLE	
02838 02850 02862	11 24	02856 0 6315	000 1 6 06089	01160 01170	N114	AM C	*+18 BUFEQT-5		,10,	LOAD SYM TABLE FROM EQUIV TABLE IS ENTRY ALL NINES	
02874 02886	46 26 11	03258 02904 02904	01200 02856 000 0 4	01180 01190 01200		BE TF AM	RDONE *+30 *+18	,N114+18	,, ,,	YES NO	•
02898 02910	12 13	99999 0290 4	000 0 9 000 0 5	01210 01220		SM MM	DUMMY *-6	,09 ,05	,10,	DETERMINE SUBROUTINE ADDRESS	
02922 02933	32	00095 00005	00000	01230 01240	T111	S F DS	95 5	,*	,	SYMBOL TABLE POINTER	
02934 02946	11 26	00099 0293 3	0 2243 00099	01250 01260		AM TF	99 T111	,ENTLN-5	,6,	STORE SUBR. ADDRESS IN SYM TABLE	
02958 02970 02982	26	02933 03065 03065	000 0 5 02856 000 1 2	01270 01280		SM TF	T111 T112	,5 ,N114+18	,10	ELIMINATE BLANKS FROM NAME	
02 994 03 006	11	03065	000 1 2 000 0 2 02856	01290 01300 01310	L00P41	SM AM C	T112 T112 T112	,12 ,02 ,N114+18	,10 ,10	•	
03018	46	03102	01100 03065	01320 01330		BH TF	N1142 T113	,T112			
03042 03054	12 32	03089 0308 9	000 0 1 00000	01340 01350		SM SF	T113 T113	,01	,10 ,6		
03065 03066		00005 0306 5	00000	01360 01370	T112	DS CM	5 T112	,* ,00	,610		
03078 03089		0308 9 00005	00000	01380 01390	T113	C F DS	T113 5	,*	,6		
03090	12	02994	01200 000 0 2	01400	N1142	BNE SM	L00P41 T112	,02	,10		
03114 03126 03138	26 12 32	03089 03089 0308 9	02856 000±1 00000	01420 01430 01440		TF SM SF	T113 T113 T113	,N114+18	,10		
03149		00005 03149	03065	01450 01460	T114	DS TF	5 T114	,* ,*	,6		
03162 03174		03149 03149	03089 000 0 1	01470 01480		S AM	T114 T114	,T113	,10		
03186 03198		02372 0237 2	03149 0306 5	01490 01500		A TF	NXLOC NXLOC	,T114		STORE SUBR. NAME IN NAME TABLE	
03210 03222	26 12	0293 3 02933	02372 000 0 5	01510 01520		T F S M	T111 T111	,NXLOC ,05	,6, ,10	STORE POINTER IN SYM. TABLE	
03234		02318 02429	02933 000 0 1	01530 01540	2000	TF AM	FCTEND TBCNT	,T111	,10,	UPDATE TABLE COUNT	
03258 03270 03282	14 47 12	02856 02838 02318	0 7115 01300 000 0 5	01550	RDONE	CM BL	N114+18 N114	,BUFEQT+7			
03294	12	03312 15999	000 0 2 000 0 0	01570 01580 01590		SM SM TFM	FCTEND *+18 CHIEND	,05 ,02	,10 ,10,	INITIALIZE READ IN AREA	
03318	14	03312	15139 01300	01600 01610		CM BNL	*-6 *-36	,00 ,CHI	,210		
03342 03354	26 16	15999	05760 0 3377	01620 01630		TF TFM	CHIEND IORT,*+23	,ALPHRM	GET H	ΕΔD	
03366 03378	49	00566 02530	0 2517 15837	01640 01650		B TR	INGT, PRT	1D,7		HEADING SECTOR	
03390 03402	16	02693 00565	00000 03425	01660 01670		T F M T F M	N11+4+163 IORT,*+23	3,,,	CLEAR	RM LEARED HEADING	
03414 03426	49 34	00520 00000	0 2517 00971	01680 01690		В 34	IORBC,PRT	'HD,7	SKIP	TO 1 IMMEDIATE	22
***** LOCTN 03438	0P 25	P/L 06091	TRAN II-D Q 00426	PHASE PG/LN 01700	1-A LABEL	MNEM TD	OPERANDS INPUTD	AND REMAR	RKS	. NOVEMBER, 1966 PAGE DETERMINE INPUT DEVICE	4
LOCTN 03438 03450 03462	0P 25 33 14	P/L 06091 06091 06091	00426 00000 000 0 1	PG/LN 01700 01710 01720		TD CF CM					4
LOCTN 03438 03450 03462 03474 03486	OP 25 33 14 46 14	P/L 06091 06091 06091 03574 06091	00426 00000 00001 01200 00003	PG/LN 01700 01710 01720 01730 01740		TD CF CM BE CM	INPUTD INPUTD INPUTD IPTY INPUTD	,426	,,		4
LOCTN 03438 03450 03462 03474 03486 03498 03510	OP 25 33 14 46 14 46 15	P/L 06091 06091 06091 03574 06091 03542 02424	00426 00000 00001 01200 00003 01200 00000	PG/LN 01700 01710 01720 01730 01740 01750 01760		TD CF CM BE CM BE TDM	INPUTD INPUTD INPUTD IPTY INPUTD IPPT INDIV	,426 ,01 ,03	,, ,10 ,10		4
U3438 03450 03462 03474 03486 03498 03512 03534	OP 25 33 14 46 14 46 15 16	P/L 06091 06091 06091 03574 06091 03542	0 00426 00000 00001 01200 00003 01200	PG/LN 01700 01710 01720 01730 01740 01750 01760 01770 01780		TD CF CM BE CM BE TDM TFM B	INPUTD INPUTD INPUTD IPTY INPUTD IPPT INDIV N21KEY-1 N12	,426 ,01 ,03	,, ,10	DETERMINE INPUT DEVICE .	4
LOCTN 03438 03450 03462 03474 03486 03498 03510	OP 25 33 14 46 14 46 15 16 49	P/L 06091 06091 06091 03574 06091 03542 02424 06098	0 00426 00000 00001 01200 00003 01200 00000 00010	PG/LN 01700 01710 01720 01730 01740 01750 01760 01770		TD CF CM BE CM BE TDM TFM	INPUTD INPUTD INPUTD IPTY INPUTD IPPT INDIV N21KEY-1 N12 *-4 INDIV	,426 ,01 ,03 ,0 ,10	,, ,10 ,10 ,10	DETERMINE INPUT DEVICE .	4
LOCTN 03438 03450 03462 03474 03486 03498 03512 03534 03554 03554 03556	OP 25 33 14 46 15 16 49 15 16 49	P/L 06091 06091 06091 03574 06091 03542 02424 06098 03598	0 00426 00000 00001 01200 00003 01200 00000 00000 00000 00000 00000 00000	PG/LN 01700 01710 01720 01730 01740 01750 01760 01770 01780 01790 01800 01810 01820 01830	LABEL	TD CF CM BE CM TDM TFM B DORG TDM TFM B	INPUTD INPUTD INPUTD IPTY INPUTD IPPT INDIV N21KEY-1 N12 *-4 INDIV N21KEY-1 N12 *-4 *-4	,426 ,01 ,03 ,0 ,10	,, ,10 ,10	DETERMINE INPUT DEVICE CARD INPUT PAPER TAPE INPUT	4
LOCTN 03438 03450 03462 03474 03486 03458 03510 03522 03534 03542 03554 03573	OP 25 33 14 46 14 46 15 16 49 15 16	P/L 06091 06091 03574 06091 03574 06098 03598 02424 06098 03598	0 00426 00000 00001 01200 00003 01200 00000 00040 00000 00000 00000 00000 00000	PG/LN 01700 01710 01720 01730 01740 01750 01760 01770 01800 01810 01820 01830 01840 01850	LABEL IPPT IPTY	TD CF CM BE CM BE TDM TFM B DORG TDM TFM B TFM TFM B TFM TFM TFM	INPUTD INPUTD INPUTD IPTY INPUTD IPPT INDIV N21KEY-1 N12 *-4 INDIV N21KEY-1 INDIV N21KEY-1 INDIV N21KEY-1 INDIV N21KEY-1	,426 ,01 ,03 ,0 ,10 ,3 ,08	,, ,10 ,10 ,10	DETERMINE INPUT DEVICE CARD INPUT	4
LOCTN 03438 03450 03462 03474 03486 03498 03510 03522 03534 03542 03554 03566 03573 035744 03586	OP 25 33 14 46 14 46 15 16 49 15 16 49	P/L 06091 06091 03574 06091 03572 02424 06098 03598 02424 06098 03598	0 00426 00000 00001 01200 00003 01200 00000 00040 00000 00040 00000 00000 00000 00000 00000 00000 0000	PG/LN 01700 01710 01720 01730 01740 01750 01760 01770 01780 01790 01800 01810 01810 01820 01830 01840 01850 01866	LABEL	TD CF CM BE CM BE TDM TFM B DORG TDM B TFM B TFM B TFM B TFM B TFM B TFM B	INPUTD INPUTD INPUTD INPUTD INPUTD INPUTD INPUT INDIV N21KEY-1 NI2 *-4 INDIV N21KEY-1 INDIV N21KEY-1 INDIV N21KEY-1 INDIV N21KEY-1 IORT	,426 ,01 ,03 ,0 ,10 ,3 ,08 ,1 ,06 ,*+23 ,SCSDAT	,, ,10 ,10 ,10 ,11 ,10	DETERMINE INPUT DEVICE CARD INPUT PAPER TAPE INPUT TYPEWRITER INPUT GET SYSTEM COMMUNICATION SECTOR	4
LOCTN 03438 03450 03462 03474 03486 03498 03512 03554 03566 03573 03574 03586 03598 03610 03622	OP 2533 1446 146 1516 49 15649 1566 49 256	P/L 06091 06091 06091 03574 06098 03598 02424 06098 03598 02424 06098 03598	0 00426 00000 00001 01200 00003 01200 00000 00040 00000 00000 00000 00000 00000 00000 0000	PG/LN 01700 01710 01720 01730 01740 01750 01760 01770 01800 01800 01810 01820 01830 01840 01850 01840 01850 01860	LABEL IPPT IPTY	TD CF	INPUTD INPUTD INPUTD IPTY INPUTD IPPT INDIV N21KEY-1 N12 *-4 INDIV N21KEY-1 INDIV N21KEY-1 INDIV N21KEY-1 INDIV N21KEY-1 COMADD-4 COMST	,426 ,01 ,03 ,0 ,10 ,3 ,08 ,1 ,06 ,*+23 ,SCSDAT ,BUFSCS+T ,BUFSCS+T	,10 ,10 ,10 ,11 ,10	DETERMINE INPUT DEVICE CARD INPUT PAPER TAPE INPUT TYPEWRITER INPUT GET SYSTEM COMMUNICATION SECTOR MOVE OBJECT TIME MACHINE SIZE	4
LOCTN 03438 03450 03462 03474 03486 03498 03510 03522 03534 03541 03542 03554 03568 03573 03574 03568 03598	OP 2533 146 465 166 49 156 49 156 49 2231 31	P/L 06091 06091 06091 03574 06091 03542 02424 06098 03598 02424 06098 03598	0 00426 00000 00001 01200 00003 01200 00000 00000 00000 00000 00000 00008 00000 00001 00006 03621 93851 06294	PG/LN 01700 01710 01720 01730 01740 01750 01760 01770 01800 01800 01810 01820 01810 01820 01810 01820 01870 01801	LABEL IPPT IPTY	TD CF CM BE CM BE TDM TFM B DORG TDM TFM B DORG TDM TFM B TFM B TFM TFM B TDM	INPUTD INPUTD INPUTD IPTY INPUTD IPTY INPUTD INDIV N21KEY-1 N12 *-4 INDIV N21KEY-1 INDIV N21KEY-1 IORT IORT	,426 ,01 ,03 ,0 ,10 ,3 ,08 ,1 ,08 ,1 ,06 ,*+23 ,SCSDAT ,BUFSCS+T	,,, ,10 ,10 ,10 ,11 ,10	DETERMINE INPUT DEVICE CARD INPUT PAPER TAPE INPUT TYPEWRITER INPUT GET SYSTEM COMMUNICATION SECTOR MOVE OBJECT TIME MACHINE SIZE SET UP DIM IN SYS COMM SECTOR SET UP DIM IN SYS COMM AREA	4
LOCTN 03438 03450 03462 03474 03486 03498 03510 03522 03534 03541 03546 03573 03574 03622 03634 03646 03658 03670	25 33 14 46 14 46 15 16 49 15 16 49 25 26 26 26 25	P/L 06091 06091 03574 06091 03574 06091 03542 02424 06098 03598 02424 06098 03598 002424 06098 00565 002258 002426 002258 00402 002250 002252	0 00426 00000 00001 01200 00003 01200 00000 00040 00000 00040 00000 00000 00000 00000 00006 00000 00006 00000 00006 00000 00006 00000 00000 00000 00000 00000 00000 0000	PG/LN 01700 01710 01720 01730 01740 01750 01760 01770 01800 01810 01820 01810 01850 01860 01870 01860 01870 01860	LABEL IPPT IPTY	TD CF CM BE CM BE CM TFM B DORM TFM B TDM TFM TFM TFM TFM TFM TFM TFM TFM TFM TF	INPUTD INPUTD INPUTD IPTY INPUTD IPTY INPUTD IPTY INDIV N21KEY-1 N12 *-4 INDIV N21KEY-1 IORT IORT IORT COMMADD-4 COMST BUFSCS 00402 FLNG KLNG	,426 ,01 ,03 ,0 ,10 ,3 ,08 ,1 ,06 ,*+23 ,SCSDAT ,BUFSCS+7 ,COMADD ,INIT ,INIT-1 ,BUFSCS+4 ,BUFSCS+4	,10 ,10 ,10 ,11 ,10 ,11 ,10 ,7 ,7	DETERMINE INPUT DEVICE CARD INPUT PAPER TAPE INPUT TYPEWRITER INPUT GET SYSTEM COMMUNICATION SECTOR MOVE OBJECT TIME MACHINE SIZE SET UP DIM IN SYS COMM SECTOR	4
LOCTN 03438 03450 03462 03474 03486 03498 03512 03552 03554 03566 03598 03610 03622 03634 03666 03658 03670 03667 03669	0P 25 33 14 46 15 16 49 15 16 49 25 26 31 31 26 25 14 47	P/L 06091 06091 03574 06091 03574 06091 03542 02424 06098 03598 02424 06098 00565 00228 00248 00402 02250 00202 02250 004091 03742	0 00426 00000 00001 01200 00003 01200 00000 00000 00000 00000 00000 00000 0000	PG/LN 01700 01710 01720 01730 01740 01750 01760 01770 01800 01810 01820 01810 01850 01860 01870 01860 01870 01910 01920 01910 01930 01940 01950 01960	LABEL IPPT IPTY	TD CF CM BE BE BE TDM B TTFM B TDM TFM B TTFM B TTFM B TTFM C TTF TTC C B C B C B C C C C C C C C C C C C	INPUTD INPUTD INPUTD IPTY INPUTD IPTY INPUTD IPTY INDIV N21KEY-1 N12 *-4 INDIV N21KEY-1 IORT IORT IORT COMMADD-4 COMST BUFSCS 00402 FLNG KLNG	,426 ,01 ,03 ,0 ,10 ,3 ,08 ,1 ,06 ,*+23 ,SCSDAT ,BUFSCS+7 ,COMADD ,INIT ,INIT-1 ,BUFSCS+4 ,BUFSCS+4	,10 ,10 ,10 ,11 ,10 ,11 ,10 ,7 ,7	DETERMINE INPUT DEVICE CARD INPUT PAPER TAPE INPUT TYPEWRITER INPUT GET SYSTEM COMMUNICATION SECTOR MOVE OBJECT TIME MACHINE SIZE SET UP DIM IN SYS COMM SECTOR SET UP DIM IN SYS COMM AREA MOVE F	4
LOCTN 03438 03450 03462 03474 03486 03498 03510 03522 03534 03541 03566 03573 03574 03566 03610 03622 03634 03670 03670 03683	0P 255 333 14 466 155 166 49 155 166 49 255 266 311 316 257 344 477 344	P/L 06091 06091 06091 035742 02424 06098 03598 02424 06098 03598 02424 06098 03598 02424 06098 03598 02422 002250 02252 02230 06091 03742 00000	0 00426 00000 00001 01200 00003 01200 00000 00040 00000 00000 00008 00000 00001 00006 03621 93875 05874 06264 06264 06283 00001 01200 00102 93765	PG/LN 01700 01710 01720 01730 01740 01750 01760 01770 01800 01780 01810 01820 01810 01820 01800 01810 01820 01810 01820 01810 01820 01810 01820 01810 01820 01810 01820 01810 01820 01810 01820 01810 01820 01810 01820 01810 01820 01820 01840 01870 01960 01910 01920 01940 01950 01960 01970 01970	IPPT IPTY N12	TD CF CM BE ME B D G M B D G M B D G M B D G M B D G M G M G M G M G M G M G M G M G M G	INPUTD INPUTD INPUTD IPTY INPUTD IPTY INPUTD INDIV N21KEY-1 N12 *-4 INDIV N21KEY-1 IORT IOGT EDMADD-4 COMST BUFSCS 00402 FLNG KLNG BIGPRT,BU INPUTD *+24 IORT	,426 ,01 ,03 ,0 ,10 ,3 ,08 ,1 ,06 ,*+23 ,SCSDAT ,BUFSCS+4 ,COMADD ,INIT-1 ,BUFSCS+4 ,FSCS+65,,01 ,*+23	,10 ,10 ,10 ,11, ,10 ,7, ,76,	DETERMINE INPUT DEVICE CARD INPUT PAPER TAPE INPUT TYPEWRITER INPUT GET SYSTEM COMMUNICATION SECTOR MOVE OBJECT TIME MACHINE SIZE SET UP DIM IN SYS COMM SECTOR SET UP DIM IN SYS COMM AREA MOVE F MOVE F KINTER SIZE READ AN INPUT RECORD	4
LOCTN 03438 03450 03462 03474 03486 03592 03534 03561 03574 03566 03573 03574 03680 03610 03622 03634 03730 03732	25 33 14 46 66 15 16 16 49 15 16 16 16 16 16 25 26 26 26 26 21 47 31 26 27 28 28 29 29 29 20 20 21 21 21 21 21 21 21 21 21 21 21 21 21	P/L 06091 06091 06091 03574 06091 03574 06098 03598 02424 06098 03598 02424 06098 03598 00565 00256 00258 02382 06218 00402 02250 02250 02252 02230 06091 03742 00000 00565	0 00426 00000 00001 01200 00003 01200 00000 00000 00000 00000 00000 00000 0000	PG/LN 01700 01710 01720 01730 01740 01750 01760 01770 01800 01800 01810 01820 01840 01850 01860 01890 01910 01920 01930 01940 01950 01960 01970 01980 01990 01990	IPPT IPTY N12	TOF COME BE THE METERS OF THE	INPUTD INPUTD INPUTD IPTY INPUTD IPTY INDIV N21KEY-1 N12 *-4 INDIV N21KEY-1 INGT IOGT COMADD-4 COMST BUFSCS 00402 FLNG KLNG BIGPRT,BU INPUTD *+24 INPUTD	,426 ,01 ,03 ,0 ,10 ,3 ,08 ,1 ,06 ,*+23 ,SCSDAT ,BUFSCS+1 ,COMADD ,INIT ,INIT-1 ,BUFSCS+4 ,BUFSCS+4 ,BUFSCS+4	,10 ,10 ,10 ,11, ,10 ,11, ,10 ,7, ,7, ,7, ,6,,,88,,	DETERMINE INPUT DEVICE CARD INPUT PAPER TAPE INPUT TYPEWRITER INPUT GET SYSTEM COMMUNICATION SECTOR MOVE OBJECT TIME MACHINE SIZE SET UP DIM IN SYS COMM SECTOR SET UP DIM IN SYS COMM AREA MOVE F MOVE F MOVE K INTER SIZE	4
LOCTN 03438 03450 03462 03474 03486 03491 03522 03534 03566 03573 03574 03566 03573 03622 03634 03622 03634 03673 03773 03774 03766	25 33 14 46 61 49 15 16 49 15 16 16 49 25 26 26 26 26 26 27 14 47 49 49 49 49 49 49 49 49 49 49 49 49 49	P/L 06091 06091 06091 03574 06091 035742 06098 03598 02424 06098 03598 00425 02258 00402 02250 02250 02252 02250 02252 02250 02252 023730	0 00426 00000 00001 01200 00003 01200 00000 00000 00000 00000 00000 00000 0000	PG/LN 01700 01710 01720 01730 01740 01770 01760 01770 01800 01810 01810 01820 01840 01850 01860 01870 01890 01910 01920 01930 01940 01970 01980 01970 01980 01970 01980 01990 02000 02010	IPPT IPTY N12	TD C C M B C	INPUTD INPUTD INPUTD IPTY INPUTD IPTY INDIV N21KEY-1 NI2 *-4 INDIV N21KEY-1 INDIV N21KEY-1 IORT IORT IOGT COMADD-4 COMST ELNG KLNG BIGPRT, BU INPUTD *+24 IORT INPUTD *+24 IORT INPUTD *+24 IORT INPUTD *+24 IORT	,426 ,01 ,03 ,0 ,10 ,3 ,08 ,1 ,06 ,*+23 ,SCSDAT ,BUFSCS+4 ,COMADD ,INIT ,INIT-1 ,BUFSCS+4 ,BUFSCS+4 ,BUFSCS+4 ,BUFSCS+4 ,BUFSCS+4 ,BUFSCS+4	,10 ,10 ,10 ,11, ,10 ,10 ,7, ,10 ,7, ,10 ,7, ,10 ,7, ,10	DETERMINE INPUT DEVICE CARD INPUT PAPER TAPE INPUT TYPEWRITER INPUT GET SYSTEM COMMUNICATION SECTOR MOVE OBJECT TIME MACHINE SIZE SET UP DIM IN SYS COMM SECTOR SET UP DIM IN SYS COMM AREA MOVE F MOVE F MOVE K INTER SIZE READ AN INPUT RECORD USING IORT. ALLOWS GOOF SWITCH	4
LOCTN 03438 03452 03462 03474 03486 03512 03524 03522 03534 03566 03573 03574 03588 03610 03622 03634 03706 03718 03774 03766	0P 25 33 14 466 49 15 16 49 15 16 49 25 26 31 26 26 26 31 47 34 46 49 14 47 46 49	P/L 06091 06091 03574 06091 03574 06098 03598 02424 06098 03598 002424 06098 00565 00566 002250 002250 002250 00250 00256 003666 06091 03802 03730 15139	0 00426 00000 00001 01200 00003 01200 00000 00000 00000 00000 00000 00001 00006 00000 00001 00006 03621 05875 0587	PG/LN 01700 01710 01720 01730 01740 01750 01760 01770 01800 01810 01800 01810 01800 01810 01890 01910 01910 01920 01930 01940 01970 01980 01970 01980 01970 01980 01970 02010 02020 02030	IPPT IPTY N12	TD CF CBE CM E CM CB	INPUTD INPUTD INPUTD INPUTD IPTY INPUTD IPTY INDIV N21KEY-1 N12 *-4 INDIV N21KEY-1 INDIV N21KEY-1 IORT IORT IOGT COMADD-4 COMST BUFSCS 00402 FLNG KLNG BIGPRT, BU INPUTD *+24 IORT INPUTD *+24 CHI CALLP1	,426 ,01 ,03 ,0 ,10 ,3 ,08 ,1 ,06 ,*+23 ,*CSDAT ,BUFSCS+7 ,COMADD ,INIT ,HIFSCS+4 ,BUFSCS+4 ,BUFSCS+4 ,BUFSCS+5 ,01 ,*+23 ,N21KEY-7	,10 ,10 ,10 ,11, ,10 ,10 ,7, ,10 ,7, ,10 ,7, ,10 ,10 ,7, ,10 ,10 ,10 ,10 ,10 ,10 ,10 ,10 ,10 ,1	DETERMINE INPUT DEVICE CARD INPUT PAPER TAPE INPUT TYPEWRITER INPUT GET SYSTEM COMMUNICATION SECTOR MOVE OBJECT TIME MACHINE SIZE SET UP DIM IN SYS COMM SECTOR SET UP DIM IN SYS COMM AREA MOVE F MOVE F MOVE K INTER SIZE READ AN INPUT RECORD USING IORT.	4
LOCTN 03438 03450 03462 03474 03486 03498 03512 03534 03541 03566 03573 03574 03680 03610 03658 03670 03708 03682 03694 03708 03708 03708 03708 03708 03708	0P 25 33 14 46 46 49 15 16 49 15 16 49 25 26 31 31 26 25 47 34 47 34 47 47 47 47 47 47 47 47 48 49 44 47 47 47 48 48	P/L 06091 06091 06091 03574 06091 03574 06098 03598 02424 06098 03598 02424 06098 00565 00258 02382 06218 00402 02252 02250 00200 00565 00566 06091 03742 00000 015139 04244 15142	0 00426 00000 00001 01200 00003 01200 00000 00000 00000 00000 00000 00000 0000	PG/LN 01700 01710 01720 01730 01740 01750 01760 01770 01800 01900 01900 01900 02010 02020	IPPT IPTY N12	TD CF CM BE	INPUTD INPUTD INPUTD INPUTD IPTY INPUTD IPPT INDIV N21KEY-1 N12 *-4 INDIV N21KEY-1 INDIV N21KEY-1 INDIV N21KEY-1 IOGT COMADD-4 COMST BUFSCS 00402 FLNG KLNG BIGPRT,BU INPUTD *+24 IORT IOGT INPUTD *+24 IORT IOGT INPUTD *+24 INPUTD	,426 ,01 ,03 ,0 ,10 ,3 ,08 ,1 ,06 ,*+23 ,SCSDAT ,BUFSCS+7 ,COMADD ,INIT ,INIT-1 ,BUFSCS+4 ,FSCS+65 ,,01 ,*+23 ,N21KEY-7 ,01 ,*+23 ,N21KEY-7 ,01	,10 ,10 ,10 ,11, ,10 ,7, ,10 ,7, ,10 ,7, ,10 ,10 ,10 ,10 ,10 ,10 ,10 ,10 ,10 ,1	DETERMINE INPUT DEVICE CARD INPUT PAPER TAPE INPUT TYPEWRITER INPUT GET SYSTEM COMMUNICATION SECTOR MOVE OBJECT TIME MACHINE SIZE SET UP DIM IN SYS COMM SECTOR SET UP DIM IN SYS COMM AREA MOVE K INTER SIZE READ AN INPUT RECORD USING IORT. ALLOWS GOOF SWITCH IS THIS A CONTROL STATEMENT NO, CALL IN PASS 1 APSTSN STATEMENT YES	4
LOCTN 03438 03450 03462 03474 0352 03534 03510 03522 03534 03566 03566 03566 03634 03622 03634 03674 03682 03694 03778 03778 03778 03788	0P 25 33 14 46 15 16 49 15 16 16 49 25 26 26 26 27 26 47 31 31 12 47 47 47 47 47 47 47 47 47 47 47 47 47	P/L 06091 06091 06091 03574 06091 035742 06098 03598 02424 06098 03598 004248 06098 00565 00258 002258 00402 02250 00250 00250 00250 00250 00250 00251 037742 00000 00565 00566 06091 03802 03730 05139 04244 15142 15143	0 00426 00000 00001 01200 00003 01200 00000 00000 00000 00000 00000 00000 0000	PG/LN 01700 01710 01720 01730 01740 01770 01760 01770 01800 01810 01810 01840 01890 01810 01890 01910 01920 01930 01940 01950 01960 01970 01980 01990 02000 02010 02020 02030 02040 02050 02060 02070 02080	IPPT IPTY N12	TOF ME ME AND ME	INPUTD INPUTD INPUTD INPUTD IPTY INPUTD IPTY INDIV N21KEY-1 NN12 *-4 INDIV N21KEY-1 IORT IORT IOGT COMADD-4 COMST ELNG KLNG BIGPRT, BU INPUTD *+24 IORT INPUTD *+24 IORT INPUTD *+24 CHI CALLP1	,426 ,01 ,03 ,0 ,10 ,3 ,08 ,1 ,06 ,*+23 ,SCSDAT ,BUFSCS+4 ,COMADD ,INIT ,INIT-1 ,BUFSCS+4 ,BUFSCS+4 ,BUFSCS+4 ,BUFSCS+4 ,BUFSCS+4 ,BUFSCS+4 ,01 ,**+23 ,N21KEY-7 ,01 ,**+23 ,N21KEY-7 ,01	,10 ,10 ,10 ,11, ,10 ,10 ,7, ,10 ,7, ,10 ,10 ,10 ,10 ,10 ,10 ,10 ,10 ,10 ,1	DETERMINE INPUT DEVICE CARD INPUT PAPER TAPE INPUT TYPEWRITER INPUT GET SYSTEM COMMUNICATION SECTOR MOVE OBJECT TIME MACHINE SIZE SET UP DIM IN SYS COMM SECTOR SET UP DIM IN SYS COMM AREA MOVE F MOVE K INTER SIZE READ AN INPUT RECORD USING IORT. ALLOWS GOOF SWITCH IS THIS A CONTROL STATEMENT NO, CALL IN PASS 1 APSTSN STATEMENT YES A POBJP ST. YES	4
LOCTN 03438 03450 03462 03474 03486 03512 03524 03522 03534 03574 03586 03598 03610 03622 03634 03706 03718 03774 03786 03778 03778 03788 03798	0P 2533 1446 1466 1516 16649 1516 16649 25526 2662 26649 1447 477 333 1446 1447 4764 1447 4764 1447 4764 1446 1446	P/L 06091 06091 03574 06091 03574 06098 03598 02424 06098 03598 00402 0252 00566 002258 00402 02250 00200 00565 00566 06091 03742 00000 00565 00566 06091 03800 15149 04264 15143 04504 15143	0 00426 00000 00001 01200 00003 01200 00000 00000 00000 00000 00000 00001 00006 03621 05875 05875 05875 05875 05875 05875 05875 05875 05875 05875 05875 05875 05875 05875 05876 0587	PG/LN 01700 01710 01720 01730 01740 01770 01780 01780 01810 01810 01810 01810 01810 01810 01890 01910 01910 01920 01930 01940 01950 01960 01970 02010 02010 02050 02050 02060 02070 02080	IPPT IPTY N12	TOF ME OF ME	INPUTD INPUTD INPUTD INPUTD IPTY INPUTD IPTY INDIV N21KEY-1 N12 *-4 INDIV N21KEY-1 INDIV N21KEY-1 IORT IORT IOGT COMADD-4 COMST BUFSCS 00402 FLNG KLNG BIGPRT, BU INPUTD *+24 IORT IORT IORT IORT IORT COMST BUFSCS CHI+4,570 WASS CHI+4,570 WASS CHI+4,577 WASS CHI+4,577 WASS CHI+4,577 WAGSIP CHI+4,577	,426 ,01 ,03 ,0 ,10 ,3 ,08 ,1 ,06 ,*+23 ,SCSDAT ,BUFSCS+4 ,COMADD ,INIT ,INIT-1 ,BUFSCS+4 ,BUFSCS+4 ,FSCS+65 ,,01 ,*+23 ,N21KEY-1 ,01 ,14 ,14 ,60,8 ,15 ,60,8 ,15 ,60,8 ,15	,10 ,10 ,11, ,10 ,11, ,10 ,7, ,76,, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,	DETERMINE INPUT DEVICE CARD INPUT PAPER TAPE INPUT TYPEWRITER INPUT GET SYSTEM COMMUNICATION SECTOR MOVE OBJECT TIME MACHINE SIZE SET UP DIM IN SYS COMM SECTOR SET UP DIM IN SYS COMM AREA MOVE F MOVE K INTER SIZE READ AN INPUT RECORD USING IORT. ALLOWS GOOF SWITCH IS THIS A CONTROL STATEMENT NO, CALL IN PASS 1 APSTSN STATEMENT YES A POBAP ST. YES A LDISK ST. YES	4
LOCTN 03438 03450 03462 03474 03584 03552 03534 03554 03554 03554 03564 03573 03774 03766 03778 03776 03776 03776 03782 03783 03790 03792 03882 036379	0P 2533 1446 466 15166 499 15166 499 255 266 267 267 267 277 277 277 277 277 277	P/L 06091 06091 03574 06093 03598 02424 06098 03598 02424 06098 03598 00262 06218 00402 06225 00225 00225 00225 00225 00250 02252 00230 06091 03742 04244 15143 04664 15143 04664 15143 04868 15143	0 00426 00000 00001 01200 00003 01200 00000 00000 00000 00000 00000 00000 0000	PG/LN 01700 01710 01720 01730 01740 01770 01780 01780 01800 01810 01820 01830 01840 01890 01900 01910 01920 01930 01940 01950 01960 02010 02020 02030 02040 02050 02050 02060 02070 02080 02010	IPPT IPTY N12	TOF CBECKER BOTH BOTH BOTH BOTH BOTH BOTH BOTH BOTH	INPUTD INPUTD INPUTD INPUTD IPTY INDIV N21KEY-1 N12 *-4 INDIV N21KEY-1 INDIV N21KEY-1 INDIV N21KEY-1 IORT COMADD-4 COMST BUFSCS 00402 FLNG KLNG BIGPRT, BU INPUTD *+24 IORT IORT IORT IORT IORT COMADD-4 CHI+4,57: WAOR	,426 ,01 ,03 ,0 ,10 ,3 ,08 ,10 ,10 ,3 ,08 ,10 ,10 ,10 ,10 ,10 ,10 ,10 ,10 ,10 ,10	,10 ,10 ,11 ,10 ,11 ,10 ,7 ,7 ,7 ,7 ,7 ,10 ,7 ,7 ,10 ,10 ,7 ,7 ,10 ,10 ,10 ,10 ,10 ,10 ,10 ,10 ,10 ,10	DETERMINE INPUT DEVICE CARD INPUT PAPER TAPE INPUT TYPEWRITER INPUT GET SYSTEM COMMUNICATION SECTOR MOVE OBJECT TIME MACHINE SIZE SET UP DIM IN SYS COMM SECTOR SET UP DIM IN SYS COMM AREA MOVE F MOVE F MOVE F SIZE READ AN INPUT RECORD USING IORT. ALLOWS GOOF SWITCH IS THIS A CONTROL STATEMENT NO, CALL IN PASS 1 APSTSN STATEMENT YES A POBUP ST. YES A POBUP ST. YES A LDISK ST. YES A FAND5 ST. YES	4
LOCTN 03438 03450 03462 03451 03554 03554 03554 03554 03567 03582 03677 03582 03677 0377 0370 0377 0370 0371 0379 0379 0379 0378	0P 2533 144 466 149 1516 166 49 255 262 311 311 262 27 47 47 464 49 49 49 49 49 49 49 49 49 49 49 49 49	P/L 06091 06091 03574 06093 03598 02424 06098 03598 02424 06098 03598 002424 06098 03598 002424 06098 03598 002424 06098 03598 04022 06238 04022 06238 04022 06091 03742 040000 00565 00566 06091 03742 040000 015139 04244 15143 04664 15143 04664 15143 04664 15143 04868 15176 15177	0 00426 00000 00001 01200 00003 01200 00000 00000 00000 00000 00000 00000 0000	PG/LN 01700 01710 01720 01730 01740 01750 01760 01770 01810 01810 01820 01830 01840 01890 01990 01910 01920 01930 01940 01950 01960 01970 01980 01990 01900 02000	IPPT IPTY N12	TOFMEDER TO THE TOPMEDER TO TH	INPUTD INPUTD INPUTD INPUTD IPTY INDIV N21KEY-1 N12 *-4 INDIV N21KEY-1 IORT COMADD-4 COMST BUFSCS 00402 FLNG KLNG CHI44,57 WASS CHI44,57 WASS CHI44,57 WASS CHI44,57 WAGE	,426 ,01 ,03 ,0 ,10 ,3 ,08 ,1 ,06 ,*+23 ,SCSDAT ,BUFSCS+4 ,FOMADD ,INIT ,INIT-1 ,BUFSCS+4 ,FOI ,**+23 ,N21KEY-7 ,01 ,**+24 ,**,**,**,**,**,**,**,**,**,**,**,**,**	,10 ,10 ,10 ,11, ,10 ,7, ,10 ,7, ,6,, ,8, ,10 ,7, ,10 ,10 ,10 ,10 ,10 ,10 ,10 ,10 ,10 ,1	DETERMINE INPUT DEVICE CARD INPUT PAPER TAPE INPUT TYPEWRITER INPUT GET SYSTEM COMMUNICATION SECTOR MOVE OBJECT TIME MACHINE SIZE SET UP DIM IN SYS COMM SECTOR SET UP DIM IN SYS COMM AREA MOVE F MOVE F MOVE F SIZE READ AN INPUT RECORD USING IORT. ALLOWS GOOF SWITCH IS THIS A CONTROL STATEMENT NO, CALL IN PASS 1 APSTSN STATEMENT YES A POBUP ST. YES A POBUP ST. YES A LDISK ST. YES A FAND5 ST. YES	4
LOCTN 03438 03452 03462 03473 03522 03534 03564 03566 03574 03566 03574 03682 03634 03673 03778 03778 03788 03610 03788 03798 03610 03788 03798 03798	0P 2533 1446 466 1516 49 1516 16649 25526 26649 1744 47733 14464 14474 14464 14464 14464 14464 14464 14477	P/L 06091 06091 06091 03574 06091 035742 06098 03598 02424 06098 03598 00565 00566 002258 00390 002252 002250 00250 00255 00566 06091 03730 05139 045142 15143 04564 15143 04564	0 00426 00000 00001 01200 00003 01200 00000 00000 00000 00000 00000 00000 0000	PG/LN 01700 01710 01720 01730 01740 01750 01760 01770 01800 01810 01810 01820 01830 01840 01850 01860 01870 01890 01910 01920 01930 01940 01950 01960 01970 02000 02010 02020 02030 02040 02050 02070 02080 02090 02110 02120 02130 02140 02150 02160	IPPT IPTY N12	TOFMEMEM G G G G G G G G G G G G G G G G G	INPUTD INPUTD INPUTD INPUTD IPTY INPUTD IPTT INDIV N21KEY-1 N12 *-4 INDIV N21KEY-1 INFUTD *-4 INPUTD *-4 INPUTD *-24 INPUTD INPUTD INPUTD *-24 INPUTD INPUTD INPUTD *-24 INPUTD INPUTD INPUTD *-24 INPUTD INPUTD INPUTD *-24 INPUTD INPU	,426 ,01 ,03 ,0 ,10 ,3 ,08 ,1 ,06 ,*+23 ,*SCSDAT ,*BUFSCSTAT ,*COMADD ,INIT ,HUIT-1 ,BUFSCS+4 ,*SCSPAT ,*OI ,**+23 ,*N21KEY-7 ,01 ,**+24 ,*N21KEY-7 ,01 ,**+25 ,*N21KEY-7 ,01 ,**+28 ,*N21KEY-7 ,01 ,*** ,*N21KEY-7 ,01 ,** ,*N21KEY-7 ,01 ,*N31KEY-7 ,01 ,*	,,10 ,10 ,11,,10 ,11,,10 ,10,,7,,10 ,7,7,,10 ,7,7,,10 ,7,7,,10 ,7,7,,10 ,7,7,,10 ,7,7,,10 ,7,7,,10 ,7,7,,10 ,7,7,10 ,7,10 ,7,10 ,7,10 ,7,10 ,7,10 ,7,10 ,7,10 ,7,10 ,7,10 ,7,10 ,7,10 ,7,10 ,7	DETERMINE INPUT DEVICE CARD INPUT PAPER TAPE INPUT TYPEWRITER INPUT GET SYSTEM COMMUNICATION SECTOR MOVE OBJECT TIME MACHINE SIZE SET UP DIM IN SYS COMM SECTOR SET UP DIM IN SYS COMM AREA MOVE F MOVE K INTER SIZE READ AN INPUT RECORD USING IORT. ALLOWS GOOF SWITCH IS THIS A CONTROL STATEMENT NO, CALL IN PASS 1 APSISN STATEMENT YES A POBJP ST. YES A FANDS ST. YES FANDS ST. YES EMENT MAP	4
LOCTN 03438 03450 03462 03474 03486 03494 03564 03566 03573 03574 03682 03634 03708	0P 2533 1446 46615 16649 15166 16663 11326 25514 47746 4649 14477 46614	P/L 06091 06091 03574 06091 03574 06098 03598 02424 06098 03598 02428 06098 00565 00566 002258 00402 02250 00260 00255 00566 06091 03802 03730 051549 04164 15143 04164 05176	0 00426 00000 00001 01200 00003 01200 00000 00000 00000 00000 00000 00000 0000	PG/LN 01700 01710 01720 01730 01740 01750 01760 01770 01800 01810 01810 01810 01850 01860 01870 01900 01910 01920 01930 01940 01950 01960 01970 02000 02010 02020 02030 02040 02050 02060 02070 02080 02090 02100 02100 02100 02110 02120 02130 02140 02150 02150 02160 02170 02150	IPPT IPTY N12	TOFMEMEM G GENERAL BOTTF M G NOT THE M G NOT THE M G NOT THE M G NOT THE M CONC. BOTTF	INPUTD INPUTD INPUTD INPUTD IPTY INPUTD IPTY INDIV N21KEY-1 N12 *-4 INDIV N21KEY-1 INFUTD *+4 INFUTD *+24 IN	,426 ,01 ,03 ,0 ,10 ,3 ,08 ,1 ,06 ,1 ,06 ,1 ,06 ,1 ,07 ,00 ,1 ,1 ,1 ,1 ,1 ,1 ,1 ,1 ,1 ,1 ,1 ,1 ,1	,,10 ,10 ,11,,10 ,11,,10 ,10,,7,,10 ,7,7,6,,10 ,7,7,10,,10,,10,,10,,10,,10,,10,,10,,10,	CARD INPUT PAPER TAPE INPUT TYPEWRITER INPUT GET SYSTEM COMMUNICATION SECTOR MOVE OBJECT TIME MACHINE SIZE SET UP DIM IN SYS COMM SECTOR SET UP DIM IN SYS COMM AREA MOVE K INTER SIZE READ AN INPUT RECORD USING IORT. ALLOWS GOOF SWITCH IS THIS A CONTROL STATEMENT NO, CALL IN PASS I APSTSN STATEMENT YES A POBUP ST. YES A LDISK ST. YES A FAND5 ST. YES EMENT MAP ************************************	4
LOCTN 03438 03450 03462 03474 03564 03554 03554 03554 03554 03554 035774 03682 0363774 03766 03778 03776 03778 03779 03802 036374 03766 03788 03790 03802 03874 03766	0P 2533 1446 466 1516 49 1516 166 49 25 266 27 266 27 27 28 28 28 29 29 29 29 20 20 20 21 21 21 21 21 21 21 21 21 21 21 21 21	P/L 06091 06091 03574 06091 03574 06098 03598 02424 06098 03598 002424 06098 00565 00566 002258 00402 00250 002250 00295 004091 03742 006091 03802 03730 0565 05666 15143 04664 15143 04916 15143	0 00426 00000 00001 01200 00003 01200 00000 00000 00000 00000 00000 00000 0000	PG/LN 01700 01710 01720 01730 01740 01750 01760 01770 01800 01810 01810 01840 01890 01890 01900 01910 01920 01930 01940 02050 02060 02070 02080 02090 02010 02110 02120 02130 02140 02150 02160 02177 02180	IPPT IPTY N12	TCFMECMEM GMEM GMEM GMEM GMEM GMEM GMEM GME	INPUTD INPUTD INPUTD INPUTD IPTY INPUTD IPTY INDIV N21KEY-1 N12 *-4 INDIV N21KEY-1 INDIV N21KEY-1 IORT IORT IOGT COMADD-4 COMST BUFSCS 00402 FLNG KLNG BIGPRT, BU INPUTD *+24 IORT IORT IORT IORT IORT IORT COMST CHI+4,57 WASS CHI+4,57 WASS CHI+4,57 WASS CHI+4,57 WAGSIP CHI+4,57 CHI+4,57 CHI+4,49 **24 ********************************	,426 ,01 ,03 ,0 ,10 ,3 ,08 ,1 ,06 ,*+23 ,SCSDAT ,BUFSCS+1 ,COMADD ,INIT ,INIT-1 ,BUFSCS+4 ,BUFSCS+4 ,BUFSCS+4 ,FSCS+65 ,,01 ,*+23 ,N21KEY-1 ,01 ,**+23 ,N21KEY-1 ,01 ,01 ,01 ,01 ,01 ,01 ,01 ,01 ,01 ,0	,,10 ,10 ,11,,10 ,11,,10 ,10,,7,,10 ,7,7,6,,10 ,7,7,10,,10,,10,,10,,10,,10,,10,,10,,10,	DETERMINE INPUT DEVICE CARD INPUT PAPER TAPE INPUT TYPEWRITER INPUT GET SYSTEM COMMUNICATION SECTOR MOVE OBJECT TIME MACHINE SIZE SET UP DIM IN SYS COMM SECTOR SET UP DIM IN SYS COMM AREA MOVE F MOVE F MOVE K INTER SIZE READ AN INPUT RECORD USING IORT. ALLOWS GOOF SWITCH IS THIS A CONTROL STATEMENT NO, CALL IN PASS 1 APSTSN STATEMENT YES A POBUP ST. A POBUP ST. YES A FAND5 ST. YES EMENT MAP	4
LOCTN 03438 03450 03462 03474 03564 03554 03566 03598 03610 03622 03634 03622 03634 03700 03682 03694 03700 03682 03694 03700 03682 03694 03700 03788 03790 03802 03802 03803	0P 2533 144 466 149 151 166 49 255 266 311 311 649 251 47 47 466 144 47 47 17 114 466 1466 1466	P/L 06091 06091 03574 06093 03598 02424 06098 03598 002424 06098 03598 002422 002230 003666 002252 002230 06091 03742 00000 00565 00566 06091 03742 015143 04564 15143 04868 15143 04166 15143	0 00426 00000 00001 01200 00003 01200 00000 00000 00000 00000 00000 00000 0000	PG/LN 01700 01710 01720 01730 01740 01750 01760 01770 01800 01810 01800 01810 01800 01890 01900 01910 01920 01930 01940 01950 01960 02010 02020 02030 02040 02050 02060 02070 02080 02110 02120 02130 02140 02150 02140 02150 02173 02173	IPPT IPTY N12	TCFMECHENDER BORD TF B	INPUTD INPUTD INPUTD INPUTD IPTY INPUTD IPTY INDIV N21KEY-1 N12 *-4 INDIV N21KEY-1 INDIV N21KEY-1 IORT COMADD-4 COMST BUFSCS 00402 FLNG KLNG KLNG KLNG BIGPRT,BU INPUTD *+24 N21+24 CALLP1 CALLP1 CALLP1 CHI+4,57 WAGBJP CHI+4,57 WAGBJP CHI+4,57 WAGBJP CHI+4,464 FKTEST CHI+4,464 **********************************	,426 ,01 ,03 ,0 ,10 ,3 ,08 ,1 ,06 ,*+23 ,*SCSDAT ,*SCSDAT ,*COMADD ,INIT ,BUFSCS+4 ,BUFSCS+4 ,BUFSCS+4 ,FOI ,**+23 ,*N21KEY-7 ,01 ,**+24 ,*********** ,01 ,*** ,*** ,*** ,*** ,*	,10 ,10 ,11 ,10 ,11 ,10 ,7 ,7 ,7 ,7 ,10 ,7 ,7 ,10 ,10 ,10 ,10 ,10 ,10 ,10 ,10 ,10 ,10	CARD INPUT PAPER TAPE INPUT TYPEWRITER INPUT GET SYSTEM COMMUNICATION SECTOR MOVE OBJECT TIME MACHINE SIZE SET UP DIM IN SYS COMM SECTOR SET UP DIM IN SYS COMM AREA MOVE K INTER SIZE READ AN INPUT RECORD USING IORT. ALLOWS GOOF SWITCH IS THIS A CONTROL STATEMENT NO, CALL IN PASS I APSTSN STATEMENT YES A POBUP ST. YES A LDISK ST. YES A FAND5 ST. YES EMENT MAP ************************************	4
LOCTN 03438 03450 03462 03454 03554 03554 03554 03554 03566 03573 03574 0362 03682 03670 03682 03670 03682 03706 03718 03706 03718 03706 03718 03790 03782 03814 03886 03898 03890 03993	0P 2533 144 466 1516 49 156 166 49 255 266 267 267 278 278 278 278 278 278 278 278 278 27	P/L 06091 06091 03574 06091 03574 06098 03598 02424 06098 03598 02424 06098 03598 02422 00225 00225 00225 00225 00225 00225 00225 00225 00255 00566 06091 03802 03730 15139 04244 15143 04688 15143 04564 15143 04564 15143 04564 15143 04564 15143 04564 15143 04564 15143 04564 15143 04564 15143 04564 15143 04564 15143 04564 15143 04564 15143 04564 15143 04564 15143 04564 15143 04564 15143 04688 15143 04968 15143 04968 15143 04968 15143 04968 15143	0 00426 00000 00001 01200 00003 01200 00000 00000 00000 00000 00000 00000 0000	PG/LN 01700 01710 01720 01730 01740 01750 01760 01770 01800 01810 01800 01810 01890 01900 01910 01920 01930 01940 01950 01960 02010 02020 02030 02040 02050 02060 02070 02080 02010 02120 02130 02140 02150 02170 02170 02183 021470 02183	IPPT IPTY N12	TOFMECHE THE DORM THE TOTAL THE TOTA	INPUTD INPUTD INPUTD INPUTD IPTY INPUTD IPTY INDIV N21KEY-1 N12 *-4 INDIV N21KEY-1 INDIV N21KEY-1 IOGT CDMADD-4 COMST BUFSCS 00402 FLNG KLNG KLNG ST INPUTD *-24 IORT IORT IORT IORT IORT UFSCS O4002 FLNG KLNG KLNG CHNG KLNG CHNG KLNG CHNG KLNG CHNG KLNG KLNG CHNG KLNG CHNG KLNG CHNG KLNG CHNG KLNG KLNG CHNG KLNG CHNG KLNG KLNG CHNG KLNG CHNG KLNG CHNG KLNG COTTL IFT COTTL IFT CHI+4,57 WAGN KLNG CHI+4,57 WAGN CHI+4,46 FKTEST CHI+4,57 FKTEST CHI	,426 ,01 ,03 ,0 ,10 ,3 ,08 ,1 ,06 ,**+23 ,**5CSDAT ,**COMADD ,INIT ,BUFSCS+4 ,FSCS+65 ,**,01 ,**+23 ,**1KEY-7 ,01 ,**4,8 ,15 ,6,8 ,15 ,6,8 ,15 ,6,8 ,15 ,7 ,14 ,7 ,14 ,7 ,18 ,7 ,8 ,7 ,8 ,7 ,8 ,7 ,8 ,7 ,8 ,7 ,8 ,7 ,8 ,7 ,8 ,7 ,8 ,7 ,8 ,7 ,8 ,7 ,8 ,7 ,8 ,7 ,8 ,7 ,8 ,7 ,8 ,8 ,8 ,8 ,8 ,9 ,9 ,9 ,9 ,9 ,9 ,9 ,9 ,9 ,9 ,9 ,9 ,9	,10 ,10 ,10 ,11 ,10 ,10 ,7,,10 ,7,,10 ,7,,10 ,10	CARD INPUT PAPER TAPE INPUT TYPEWRITER INPUT GET SYSTEM COMMUNICATION SECTOR MOVE OBJECT TIME MACHINE SIZE SET UP DIM IN SYS COMM SECTOR SET UP DIM IN SYS COMM AREA MOVE K INTER SIZE READ AN INPUT RECORD USING IORT. ALLOWS GOOF SWITCH IS THIS A CONTROL STATEMENT NO, CALL IN PASS I APSTSN STATEMENT YES A POBUP ST. YES A LDISK ST. YES A FAND5 ST. YES EMENT MAP ************************************	23

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           1620 FORTRAN II-D
                                         PHASE 1-A
                                                                                                                   NOVEMBER, 1966
                                                                                                                                                  PAGE
LOCTN OP
                                          PG/LN LABEL MNEM OPERANDS AND REMARKS
                P/L
                            Q
                                                                     CDCTL,FACTRC
CHI+4,5349,8,
CDCTL+24,,,
CDCTL,LIST
04062
04074
04086
                                          02220
02230
02240
                         02227
05349
                                                                                            LIST PRINTER
                         01200
                                                                                            NO
                                           02250
04098
         17
                04116
                         02228
                                                               BTM
                                           02260
02270
                                                                     5,0
*-1,1,611
PGHD2,N21
04114
                00005
04116
04128
               0411<del>5</del>
05774
                         00004
                                                               TDM
                                                   COCTL
                         <del>0</del>3706
                                           02280
                                                               BTM
04140
          14
                15141
                         00014
                                           02290
                                                                      CHI+2,14,10,
                                                                                                 TEST FOR **
04152
04164
04176
04188
               05588
00000
15171
15139
          46
34
26
39
                                           02300
                                                                                                 YES PAGE HEADING
                                                              RCTY
TF
                                                                                                                          NO. INVALID CTL. ST.
                         00102
05760
                                           02310
                                                              TF CHI+32 ,ALPHRM WATY CHI
                         00100
                                           02330
04200
04212
               00000
                                           02340
02350
                                                               WATY ERMEST
                         00100
                                                                                                       ERROR, INVALID CONTROL STATEMENT
04224
          48
               00000
                         00000
                                           02360
                                                              H B N21
DORG *-4
SF CHI+3
SF CHI+5
SF CHI+7
04236
                03706
                          00000
                                           02370
                                                                                                          BR. TO READ NEXT STATEMENT
04243
04244
04256
04268
                                           02380
                          00000
          32
                                           02390
                                                    CALLP1
          32
32
                15144
15146
                         00000
                                           02400
                          00000
                                           02410
                                                                04280
          32
               15148
                         00000
04292
          43
                         02226
                                           02422
                                                               BD
04304
               04340
                         02227
                                           02424
                                                               BD
                                           02426
02428
                                                               TDM
TDM
04316
               02226
                          00004
                                           02429
                                                              BD *+48 ,II
                                                              BD *+48 ,INDIV
TF CHI+160 ,ALPHRM
TR CHI5-1 ,CHI-1
TFM CHI+160 ,00
TF FP?
04340
                                                                                               ,, CARD INPUT
,, YES, MOVE INPUT RECORD
TO CHIS
          43
                04388
                         02424
                                           02430
                                           02440
02450
02460
04352
          26
                                                                                                 ,,
,10,
                                                                                                                ERASE RECORD MARK
                15299
                         00000
                                           02470
02480
02490
                                                              TF
AM
TF
                                                                      FP2
FP2
                                                                                   ,FLNG
,02
,KLNG
04388
          26
               02298
                         02250
          11
26
24
47
04400
                02298
                                                                                                 ,10, CALCULATE F PLUS TWO
               02240
                         02252
04424
                                           02500
                                                                      FP2
                                                                                   ,KLNG
                                                               BNH
TF
TF
                                           02510
02520
04436
                04460
                         01100
                                                                      *+24
04448
04460
04472
         26
26
16
                02240
                                                                      WW
                                                                                  ,FP2
                                                                                                 ,, CALCULATE W, WORD SIZE FOR DISK 10
                                                                                   ,W
,*+23
,SCSDAT
               02296
00565
                         02240
<del>0</del>4495
                                           02530
                                           02540
02550
                                                               TFM
                                                                      IORT
                                                              B IOPT
B PRSCAN
DORG *-4
04484
          49
               00532
                         A5851
                                                                                                 .7. PUT SYSTEM COMMUNICATION SECTOR
04496
04503
04504
                                           02560
02570
               15153
                         05760
                                                                     CHI+14
                                           02580 WASS
                                                                                   , ALPHRM
                                                              BTM
CM
BE
                                                                     PGHD2
CHI+12
WASS2
CHI+12
                                                                                  ,*+12
,72
                                                                                                         GO TO PRINT PSTSN
IS DEVICE CODE PAPER TAPF
YES
04516
          17
                05774
                         <del>04528</del>
                                           02590
               15151
04644
15151
                         00072
01200
                                           02600
04528
                                                                                                 ,10,
04540
04552
04564
                                                                                   ,74
                                                                                                 ,10.
                                                                                                         NO, IS DEVICE CODE CARDS
                         00074
                                           02620
                                                               BE WASS
RCTY
WATY CHI
          46
34
               04644
                         01200
                                           02630
                                                                      WASS2
                                           02640
02650
04576
                00000
                         00102
04588
          39
34
                15139
04600
                00000
                         00102
                                           02660
                                                               RCTY
                                                                                                         ERROR, INVALID OUTPUT DEVICE CODE
04612
          39
                06015
                         00100
                                           02670
                                                               WATY ERMES3
               00000
03706
          48
                                           02680
04636
                                                                     N21
                         00000
                                           02690
                                                                                                         BR. TO READ NEXT STATEMENT
04643
                                           02700
                                                               DORG *-4
                                                              TD PUSTSN
B N21
04644
04656
                                                                                 ,CHI+12
                                                                                                                                                                   24
            1620 FORTRAN II-D
                                                                                                                   NOVEMBER, 1966
****
                                         PHASE 1-A
                                                                                                                                                 PAGE
LOCTN OP
                                           PG/LN LABEL MNEM OPERANDS AND REMARKS
                                           02730
                                                               DORG *-4
                                                              TDM
TF
04664
               02367
                         00001
                                                    WAOBJP
                                                                     JAY ,1
CHI+14 ,ALPHRM
                                                                                                         DUP ACTION REQUIRED
04676
                                           02750
                                                                     PGHD2,*+12,,
CHI+12 ,72
*+32
                                                               втм
                                                                                                GO TO PRINT POBJP
,10, IS DEVICE CODE PAPER TAPE
,, NO
                                          02760
02770
02780
          17
14
47
               05774
04688 \\ 04700
                         <del>04</del>700
                15151
04744
                         00072
                                                               BNE
04712
                         01200
04724
          15
49
                06241
                          00004
                                           02790
                                                                      BUFSCS+23,1
04736
04743
04744
                                                               DORG *-4
                                           02810
                                                                     CHI+12 ,74
*+32 ,
BUFSCS+23,0
                                                               CM
BNE
TDM
                                                                                                         IS DEVICE CODE CARDS NO YES
                15151
          14
47
                         00074
                                           02820
                                                                                                 ,10,
                                           02820
02830
02840
02850
04 756
               04788
                         01200
04768
04780
04787
                                                                                                 ,11,
                                                                      N21
          49
               03706
                         00000
                                                               DORG *-4
                                           02860
04788
04800
          15
                06241
                         00000
                                           02870
                                                                     BUFSCS+23,0
                                                                                                 ,11
          34
39
               00000
15139
                         00102
                                                               RCTY
                                           02880
                                                               WATY CHI
04812
                         00100
                                           02890
                                                               WATY ERMES3
04824
                00000
                         00102
                                           02900
                                                                                                         ERROR, INVALID OUTPUT DEVICE CODE
                                                                                                 ,,
04836
                06015
                00000
                          00000
                                           02920
                                                                      N21
04860
          49
                                                                                                         BR. TO READ NEXT STATEMENT '
               03706
                         00000
                                           02930
                                                               DORG *-4
TDM BUF
04867
                                           02940
04868
04880
04892
          15
                06240
                          00004
                                                                     BUFSCS+22,1
                                                                                                         SET UP TO LOAD OBJECT PROG. ON OK. DUP ACTION REQUIRED
                                                                                                 ,11,
               02367
15171
05774
                         00001
05760
                                           02960
                                                               TDM
                                                                      JAY ,1
CHI+32 ,ALPHRM
          26
17
                                           02970
                                                                                                GO TO PRINT LDISK
,7, ELIMINATE RECORD MARKS
                                                                     CHI+32 ,ALPHRM
PGHD2,*+12,,
*+24 ,CHI+12
*-1 ,00
*-13 ,2
*-25 ,CHI+30
                                          02980
02990
03000
03010
04904
                         04916
                                                               BTM
04916
04928
04940
04952
               04940
0492<del>7</del>
04927
04927
                         ±5151
                                                                                                 ,7,
,610
          16
11
14
47
                         00000
                                                                                                 ,10
                          £5169
                                           03020
                                                              BNH
CF
CF
CF
04964
               04916
                         01100
                                           03030
                                                                      *-48
                                                                      CHI+13
CHI+15
CHI+17
                         00000
                                          03040
03050
04976
          33
                15152
05000
          33
                15156
                         00000
                                           03060
                                                                      CHI+19
CHI+21
05012
          33
                15158
                         00000
                                           03070
05024
               15160
06253
                         00000
          33
26
                                           03080
                                                                      BUFSCS+35,CHI+22
                                           03090
05048
          32
                15152
                         00000
                                           03100
                                                                      CHI+13
05060
05072
                15154
                                                                      CHI+15
CHI+17
          32
               15156
15158
                         00000
                                           03120
05084
          32
32
                         00000
                                           03130
                                                                      CHI+19
05096
                15160
                          00000
                                           03140
                                                                      BUFSCS+36,CHI+24
BUFSCS+37,CHI+26
BUFSCS+38,CHI+28
05108
          25
25
25
                                           03150
05120
               06255
                          15165
                                           03160
                                                               TD
05132
               06256
                         15167
                                           03170
05144
05156
05168
                                                                      BUFSCS+39,CHI+30
BUFSCS+36
                06257
                         15169
          32
49
                         00000
                                           03190
03200
               03706
                         00000
                                                                      N21
*-4
                                                              DORG
TF
BTM
                                                                     *-4
CHI+20 ,ALPHRM
PGHD2,*+12,,
FWORK-1 ,CHI+11
~UORK ,CHI+13
05175
                                           03210
               15159
05774
05894
          26
17
25
25
                         05760
                                                    FKTEST
05188
05200
                         95200
15150
                                                                                                GO TO PRINT FANDK
                                           03240
                                                               TD
05212
               05895
                         15152
                                           03250
                                                               TD
05224
          33
               05895
                         00000
                                           03260
                                                                                                 ,10, IS F NUMERIC
05236
               05895
05520
                                                                      FWORK
N31
                                                                                  ,77
                                                                                                NO, ERROR
YES, LOAD F
                         01200
                                           03280
```

FWORK-1 ,CHI+12


```
LOCTN
                     P/L
                                                      PG/LN LABEL MNEM OPERANDS AND REMARKS
05272
                    05894
                                 00000
                                                       03300
                                                                                         FWORK-1
05284
05296
                    05895
05895
                                                                                                          .CHI+14
                                                       03310
03320
                                 15153
000<del>0</del>2
                                                                                          FWORK
                                                                                         EWORK
                                                                                                          .02
                                                                                                                            . 10.
                                                                                                                                       F IN RANGE
05308
                    05520
                                 01300
                                                       03330
                                                                                                                            ,,
,10
05320
05332
05344
05356
                    05895
05520
02250
                                                      03340
03350
03360
03370
                                                                                                          ,
28
                                                                                         FWORK
                                                                                        N31
FLNG
KWORK-1
KWORK
                                 01100
05895
                                                                                                                                       NO, ERROR
YES, MOVE F TO FORTRAN COM. AREA
                                                                                                          ,
FWORK
                    05896
05897
05897
05897
                                 15154
05356
05368
05380
05392
05404
05416
                                 15154
15156
00000
00077
                                                       03380
03390
03400
                                                                                                          ,CHI+17
                                                                                                         ,77
                                                                                                                                      IS K NUMERIC
                                                                                         KWORK
                                                                                                                            ,10,
                                                                                                                                       NO, ERROR
YES, LOAD K
                    05520
                                 01200
                                                       03410
                                                                                BNF
                                                                                         N31
                    05896
05896
05897
                                                                                         KWORK-1
KWORK-1
                                 15155
                                                                                                         ,CHI+16
05428
05440
05452
                                                      03420
03430
03440
03450
                                 00000
                                                                                TD
                                                                                         KWORK
                                                                                                          ·CHI+18
                    05897
                                 00004
                                                                                         KWORK
                                                                                                          ,04
                                                                                                                            , 10,
                                                                                                                                       K IN RANGE
                    05520
05897
05520
                                                      03460
03470
03480
05464
                                 01300
000<del>1</del>0
                                                                                         N31
KWORK
                                                                                                                                       NO, ERROR
                                                                                                          ,10
                                                                                                                            ;;o
05476
05488
                                                                                ВН
                                 01100
                                                                                         N31
                                                                                                                                       NO. ERROR
                                                      03490
03500
                                                                                         KLNG
N21
                                                                                                                                      YES, MOVE K TO FORTRAN COM. AREA
BR. TO READ NEXT STATEMENT
05500
                                 05897
                                                                                                          .KWORK
05512
05519
05520
                                                                               DORG *-4
RCTY
WATY CHI
RCTY
                                                       03510
03520
                    00000
                                 00102
                                                                   N31
                                                                                                                                       ERROR, F OR K OUTSIDE RANGE
05532
05544
05556
                    15139
00000
05959
                                 00100
                                                      03530
03540
03550
                                                                                WATY FRMES2
                                 00100
                                                      03560
03570
03580
03590
05568
            48
                    00000
                                 00000
05580
05587
                                                                                                                                      BR. TO READ NEXT STATEMENT
                                                                         B N21 , ,, ...

DORG *-4

ROUTINE TO PRINT AND STORE THE PAGE HEADING
D TF CHI+4+160,ALPHRM
THE CEARED RECORD IS STILL IN CORE
TR N11,CHI-1, , LOAD HEADER
B IOPT,HEAD-4,7
TFM CHI+4+160,0,10, CLEAR RM
SCN TFM *+55,N11+4+163,, CLEAR RM
CM *+35,N11+3
BL PUT
                                                                  PGHD THE
05588
                    15303
            26
                                 05760
                                                       03600
                                                      03610
03620
03630
03640
05600
05612
05624
                    02526
00565
00532
                                 05635
05751
05636
                    15303
                                 00000
                                                       03650
05648
05660
05672
                    05707
05707
05707
                                                      03660
03670
03680
                                                                   REVSCN
                                 02529
01300
                                                      03690
03700
03710
03720
                                                                                         PUT
*-36,*-*
*-1,0,610
IORT,*+23,,
05684
                    05720
05696
05708
05720
                    05660
0570<del>7</del>
00565
                                 00000
                                                                                TFM
TFM
                                                                  PUT
                                 05743
                                                                                                                           WRITE BACK TO DISK
05732
05744
05755
                                                      03730
03740
03750
                    00520
                                 02517
                                                                                         IORBC, PRTHD, 7
                    03706
00005
                                                                                         N21
N11+1
                                 02527
                                                                   HEAD
                                                                               DSA
                                                      03760
03770
03780
                                                                               DC
DC
DSA
                                                                                        3,18a,,,
2
CHI
05758
                    00003
                                                                                                                           DEFINER TO PRINT HEADING
05 76 0
05 76 5
05 76 8
                    00002
                                                                  ALPHRM
PGHD3
                                                                                                        ,oa
                                 <del>1</del>5139
                                                                               DC
DC
TFM
                                                                                         3,180,,
5,12345
IORT,*+23,,,
IOPT,PGHD3-4,7,
                    00003
                                                      03790
                                                                                                                           CONTROL RECORD PRINT DEFINER
05773
                    00005
                                                       03800
                    00565
00532
0577<del>3</del>
05774
                                 <del>0</del>5797
                                                                                                                           NORMAL CONTROL RECORD PRINT ROUTINE
05786
05798
                                 05761
                                                       03820
                                                       03830
                                                                                B 7
                                                                                         PGHD2-1,,6
                                                      03840
03850
03860
                                                                               DSC
DSA
DC
05805
                    00002
                                                                   INDATA
                                                                                                        ,22
                    00002
00005
00001
                                 <del>0</del>5813
                                                                                         INDDA
                                                                                                                                                                                                           26
****
                1620 FORTRAN II-D
                                                     PHASE 1-A
                                                                                                                                                  NOVEMBER, 1966
LOCTN
                     P/L
                                                      PG/LN
                                                                 LABEL
                                                                               MNEM OPERANDS AND REMARKS
05813
                    00001
                                                      03870
                                                                               nsc
05818
05821
                                                      03880
                    00005
                                                                                                          ,17330
                    00003
                                                                               DC
                                                                                                          ,010
05826
                    00005
                                                       03900
                                                                                D.S
                                                      03910
03920
03930
03940
05827
                    00001
05828
05834
05835
                    00001
00002
00005
00001
                                                                   DIMDAT
                                                                                                         ,20
                                 <del>0</del>5836
                                                                                         DIMDDA
                                                                                                         • ə
                                                                                DC
                                                      03940
03950
03960
03970
03980
03990
05836
                    00001
                                                                   DIMDDA
                                                                               DSC
05844
05844
05849
05850
05851
05857
                    00001
00005
00003
00005
                                                                                DC
DC
                                                                                                          ,001
                                                                                         BUFDIM
                                 <del>0</del>7122
                                                                                DSA
                    00001
                                                                               DC
DSC
                                                      03990
04000
04010
04020
04030
04040
                    00002
                                                                   SCSDAT
                                                                                                          ,20
                    00005
                                 05859
                                                                                         SCSDDA
05858
05859
05864
                    00001
                                                                                                         , a
                                                                               DSC
                                                                   SCSDDA
                                                                                                          • 0
                    00005
                                                                                DC
DC
                                                                                                          19663
                                                      04050
04060
04070
04080
05867
                    00003
                                                                                                          ,001
05872
                    00005
00001
                                 06218
                                                                                         BUFSCS
05873
05874
                                                                                DC
DSC
                    00001
05879
                    00005
                                                       04090
                                                                                                          ,00000
05875
05882
                    00000
00003
                                                      04100
04110
                                                                   INIT
                                                                                                          ,*-4
,999
                                                                                DC
05887
                    00005
                                                       04120
                                                                                DC.
                                                                                                          -99999
05893
05895
                    00006
00002
                                                      04130
04140
04150
04160
                                                                                                          ,000000
                                                                   FWORK
05897
                    00002
                                                                   KWORK
ERMES1
                                                                               DS
DAC
                                                                                        20,FRROR, INVALID CONTROL RECORDA
28,FRROR, F OR K OUTSIDE RANGEA
32,FRROR, INVALID OHTPUT UNIT CODEA
12 ,9999999999
05899
                    00030 X2
                                                                   ERMES2 DAC
ERMES3 DAC
05959
06015
                    00028 X2
                                                       04170
                    00032 X2
                                                       04180
04190
06089
                                                                   12NINE DC
INPUTD DC
DSA
                    00012
                                                      04190
04200
04210
04220
04230
04240
06091
                    00002
06096
06099
                    00005
                                                                   N21KEY DC
                                                                                                         •000
                                                                  DORG 06218
BUFSCS DSS 100
06218
                    00100
06218
06319
06320
07121
                    00002
00800
00002
00100
                                                      04240
04250
04260
04270
04280
                                                                  DS
BUFEOT DSS
                                                                                         800
                                                                  DS
BUFDIM DSS
                                                                                         100
07122
                                                      04290
04300
04310
04320
07223
                    00002
                                                                                DS
99999
                                                                                                         ,99999
                                                                                DORG 16000
                    00001
                                                                   PHADDA
                                                                                        1,0
5,17290
16000
                                                                               DSC
                                                      04330
04340
04350
16005
16008
                                                                                DC
                                                                                         3,050
                                                                                         5.02218
16013
                    00005
                                                                                DC.
                    00001
00001
00001
16014
16015
                                                      04360
04370
                                                                                DC
DC
DC
                                                       04380
16016
                                                                                                          · a
                                                       04390
04400
04410
16017
                    00001
                                                                                DC
DC
                    00001
 16018
 16019
                                                                                DSC
                                                                                                          ,0000
                                                                  RECMKS DSC
LDPHA SF
16023
16024
                    00001
                                                       04420
04430
                                                                                         1
RECMKS-9
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NOVEMBER, 1966

PAGE

27

1620 FORTRAN II-D

32 16014

00000

PHASE 1-A

NOVEMBER, 1966

SET SYMBUL TABLE TO RECORD MARKS

PAGE 9

													2	8
						•								
**** 16	520 FORTRAN	II-D	PHASE	1-в						NOVEMBER,	1966	PAGE	1	
						S YMBOL	1ABL E							
ASC1A ASC2A ASC2A ASC3A ASC3 BLK1 BLK4A BLK8 CALL CCTO CKEND COME CS DEFCT DIM2 DK102 DDA DD0 END EQ1 EREXT ERR099 ETYPE	08348 S 083243 R 083244 P 10544 P 13262 O 14700 N 13116 M 13131 L 14271 I 11072 F 12770 F 08880 E 07932 G 14760 D 14244 C 03767 E 12058 D 14264 C 03767 E 12058 D 14268 E 07932 C 12214 C 1221	BLK9 CALLA CHI CKRM CCOMER CSORN DIM DIM3 DKE DKE DKE DKE DCT EQ21 ERMES ERR 44 EXIT	13350 14482 13242 13242 13512 13780 04144 000796 12718 002385 06453 10392 02318 12542 13123 10786 14167 02593 10272 144624 09897 144624 09897 144626 09886 12942 14606	ASC12 ASC231 A1 BLK2 BLK5A CALLB CHU5 CLDGIN COMIN CSPVA DIMA DKFR DKPUT DOC D2 FNDTR EQ22 FNDTR EQ22 FNDTR EQ26 FRRE ERRE ERRE ERRE ERRE ERRE	02293 11384 10368 103226 09910 02248 09910 02248 040358 12230 12230 12306 12306 12406 1340	USEDFS STOPEN SETOMA PUTOUT PHBDDA OUTSNE NGLIST MASKLK LEADBL IFSCAN FUNCTA FNTSW2 F84240 EXCESS FNTLOG DKIODNA COMINA CLASEN CALLP2 ASCALL ASCALA ASCALA BLK2 BLK2 BLK2 BLK2 BLK6 BLOC CALLI CKPAR COMM CSTNO DIMNO DI	02263 14028 11276 09378 16008 13844 03729 13152 3098 12274 13152 062748 12126 06770 9128 12126 06770 12058 04018 11924 14678 02408 12058 0765 14678 14	COMST CTION DIMSW DKB1 DKG DKSW2 DDC1 D4 E0BR E024 ERROR ER1 FLIP	10105 10166 02294 16000 10512 00512 08744 13179 14658 14382 10103 02430 12054 03755 12148 04098 12202 08712 08712 08712 08712 08712 08712 13785 12148 09775 12148 09775 12148 09777 11927 11927 11927 12486 02718 09784 07785 12486 05694 12446 11987 11987 11987 11988 12988	ASC21 ASC28 ASC27 BEGIN BLK3A BLK7 B2 CARD CKCN3 COMAB COMSW COM DO DW VAR DO DE FBASE FOR FOR FRNO1 FSNO1 FSNO1	07068 10836 104490 13860 04835 02384 02798 13264 14389 12010 02600 00101 10545 07555 07555 12058 0820 08808 14026 13282 14318 12598 02626 09778 09862 11939 11931 11185 14000 10148 11185 14000 10487 11185 14000 10488 11185 14000 10488 11185 11185 11185 14000 10488 11185	TBLFUL SINGST SENSWC PRTCHIT PARCHIT NUMBERT LITTER GOTOEN GOTOEN FORMS1 FLNUMB FA4710 DERAGRA COMAND COMAN	10100 14301 14301 14301 11224 07720 13172 14120 13646 11026 09440 03171 07500 02230 08300 02230 08300 02230 08300 011172 11943 10773 09773 05386 11176 02603 11772 11943 10596 14108 13264 10110 13110 13468 103743 003130	
	12166 13602 12762	FORM FORM7 HOLL	14210	FLOP FORMX FORM8 HOLLI	13982 14270	FLOP1 FORM1 FP2 I	12570 02298 11955	ΙF	12990 10296	FXLIT IFSW	10104 13082 08060 10107	IF1	14110 10320 13284	
IND IV IOB IOL ER IOUT1	14104 13996	IOCAL	00532		11538 14212 00520 13388	INDUT IOE IORT IOUT4	14372 00565	INSW INF INSK INUTS	02611 14452 00554 13448	INTOP IOG IOSW IOZ	09269 14636 10113 13872	IOA IOGT IOUT J	13952 00566 10200 11967	
JAY	02367		07204	K	11979		02252	LDPHB			03366	LIST	02228	2

1620 FORTRAN II-D

Q

00000

P/L

LOCTN OP

PHASE 1-A

04540 04550

PG/LN LABEL MNEM OPERANDS AND REMARKS

TDM GRMK
DGM *
TFM *+18 ,B
T5 DUMMY ,R
SM *-6 ,1
CM *-18 ,B
BNE *-36
K PHADDA,702
TRA

TCD LDPHA DEND ,BUFSCS+999 ,RECMKS ,, ,10 ,10 ,BUFSCS-1

ΔD	02308	LSTEN	07059	
	11876	MASK	11989	
	11740	NOIND	02610	
35	06338	NXLDC	02372	
13	03470	OMM	10109	
S W	07068	PAUS	13916	
S	06866	PLUSS	10033	
	09084	P2PTR	02313	
ΓN	13715	RTSW	05673	
F	14512	SCHI	06049	

						SYMBOL	TABLE						
LIST1	03662	LITE	07768	LKCD1	12918	LKCD3	12962	LKCD4	13006	LSTAD	02308	LSTEN	07059
LUXIT	07556	L1	04240	L2	04312	L4	11796	L5	11832	L6	11876	MASK	11989
MODAD	07919	MODE	06451	MON	12161	MV1	11604	MV2	11692	MV3	11740	NOIND	02610
NONUM	03374	NUMB	06230	NUMB 1	06302	NUMB2	06606	NUMB 3	06510	NUMB 5	06338	NXLDC	02372
N1	02233	N2	02238	OFLO	03318	0FL01	03481	OFLO2	03131	0FL03	03470	OMM	10109
ONE	03350	ORDCT	14673	OUTAR	13138	OUTSC	10464	OUTSN	13660	OUTSW	07068	PAUS	13916
PAl	10934	PA2	10782	PCNT	14093	PGNUM	02222	PΙ	11038	PLUS	06866	PLUSS	10033
PR	12651	PRNT1	04042	PRNT2	04094	PRNT4	03130	PTYPE	12866	PUT	09084	P2PTR	02313
READ1	02878	RECLG	02243	REF	09035	RETR	02490	RETRN	13166	ROUTN	13715	RTSW	05673
SALT	05942	SAVE	04036	SAVE1	11621	SAVE2	12937	SAVE3	11849	SCALE	14512	SCHI	06049
SCN1	03828	SCN2	03852	SCN3	03888	SCN4	03956	SC1	10884	SC2	06138	SC22	10620
SC3	10928	SC4	10764	SC5	10824	SC 9	11164.	SD	10788	SETDM	10680	SLASH	12674
SMADD	07242	SMCNT	07295	SMLNG	05965	SMTLU	06988	SPERR	09278	SPGS	09362	STAFT	04431
STBL	02377	STC	05677	STNER	03410	STSN	05675	SUBPA	13194	SUBPF	13278	SUBP1	13314
SUBP2	13518	SUBSW	10114	SUBTR	08484	S V 3	04179	SWSET	14682	SYM	10081	TBCM	04538
TBCNT	02429	TBST	04692	TEMP	02620	TEMP5	02625	TEND	02303	TFNZ	10093	TINUE	13851
TONY	11508	TPCST	13639	TRIND	02609	TWO	03362	URNCT	13279	VARBR	06546	VARSW	07615
W	02240	WIDCK	14464	WIDTH	14453	WW	02296	X	08172	ZER13	10097		

****	1	620 FOR	TRAN II-	D PHASE	1-8				NOVEMBER, 1966	PAGE I
LUCTN	OP	P/L	Q	PG/LN	LABEL	MNEM	OPERANDS AND REMA	ARKS		
				00010	*****		620 FORTRAN II-D	PHASE 1-B		
02218				00020			02218			
02222		00005		00030		DS	5		*	
02222		00003		00040	PGNUM	DS	3,*			
02223		00001		00050		DS DS	1 2			
02231		00002		00070		DS DS	6			
02233		00002		00080	N1	DS	2			
02238		00005		00090	N2	DS	5			
02240		00002		00100	W	DS	2			
02243		00003		00110	RECLG	DS	3			
02243		00012		00120	SAVSYM	DS	12 ,RECLG			
02248		00005		00130	LENGTH	DS	5			
02250		00002		00140	FLNG	DS	2			•
02252		00002		00150	KLNG	DS	2			
02257		00005		00160	PROGST		5			
02262		00005		00170	COMADD		5			
02263		00030		00180 00190	USEDFS	DS DS	30			
02293		00001		00190	PUSTSN		1		•	
02296		00002		00210	WW	DS	2			
02298		00002		00220	FP2	DS	2			
02303		00005		00230	TEND	DS	5			
02308		00005		00240	LSTAD	DS	5			
02313		00005		00250	P2PTR	DS	5	•		
02318		00005		00260	FCTEND	DS	5			
02323		00005		00270		ÐS	5			
02324	26	02366	02323	00280	FMON	TF	*+42,FM()N-1,,	SETUP ROU	TINE ENTRY	
02336	16	00565	0 2359	00290		TFM	IORT,*+23			
02348	49	00566	0 0000	00300		В	IOGT,,7			
02360	49	00000	00000	00310		В	***	GO TO EXE	CUTE CALLED ROUTINE	
02367 02367		00001		00320		DORG				
02372		00001		00330 00340	JAY NXLOC	DS DS	1 5			
02377		00005		00350	STBL	DS	5			
02382		00005		00360	COMST	DS	5			
02383		00001		00370	DISKSW		1,0			
02384		00001		00380	MULDEF		1,0			
02385		00001		00390	INTOP1	DSC	1,0			
02390		00005		. 00400		DC	5,00600		* * *	
02393		00003		00410		DC	3,001			
02398		00005	£5036	00420		DSA	CARD			
02399	1.4	00001	02//1	00430	CALL DO	DC	1,0			
02400	16 17	02359	0 2461 0 2400	00440	CALL P2	BTM	FMON+35,BLK8			
02424	17	00001	02400	00450	INDIV	DS	FMON, CALLP2			
02121		00001		00470	*		NDIV = 0 FOR CARD	S. 1 FOR TYPE	WDITED.	
				00410	*	•		FOR PAPER TAP		
02429		00005		00490	TBCNT	ÐS	5		-	
02248		00000		00500	ENTLOG		,RECLG+	5		
15035		00000		00510	AFTBL	DS	,15035			
15139		00430	X2	00520	CHI	DAS	430,15139			
15839		00000		00530	CHI5	ÐS	,CHI+700			
15036		00000		00540	CARD	DS	,CHI-103			
00716		00000		00550	IOCAL	DS	,716			
00566		00000		00560	IOGT	DS	,566		•	21
00520		00000		00570	IORBC	DS	,520			31

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1620 FORTRAN II-D
                                                    PHASE 1-B
                                                                                                                                                    NOVEMBER, 1966
                                                                                                                                                                                          PAGE
LOCTN OP
                     P/L
                                                       PG/LN LABEL MNEM OPERANDS AND REMARKS
                    00000
                                                       00580
00590
00600
00532
00554
                                                                    IOPT
IOSK
00602
                                                                   ERRET
                    00000
                                                                                DS
                                                                                          ,602
00565
                    00000
                                                       00610
                                                                   TORT
                                                                                          ,565
02228
02230
00796
                    00000
                                                       00620
00630
00640
                                                                   LIST DS
BIGPRT DS
MONCAL DS
                                                                                         ,2228
,2230
,796
                    00000
                                                                                        ,796
FMON+35 ,BLK7
FMON ,E86440+31
,17340+7,
,17200+7,,,
,E86440+700,,,
BLK9A+5,FLIP1
IORT,*+23,,
IOGT,BLK9,7
02430
                    02359
                                09862
                                                       00650
                                                                   E86440
                                                                               TFM
BTM
02442
                                 02430
                                                                   BLK8
                    00000
                                                       00670
                                                                                DS
                                                                   FLIP1
FLOP1
FLIP2
FLIP
                                                                                                                         FLIP DISK ADDRESS
FLOP (RESTORE DISK ADDRESS)
FLIP CORE ADDRESS
17340
17207
                    00000
                                                       00680
                     00000
                                                       00200
                   00000
00000
02510
00565
03130
02454
                                 ₽7340
                                                       00710
02466
                                02489
02497
                                                                   FLOP
                                                       00720
                                                                                TEM
                                                                                                                           BRING IN GENERAL PRINT ROUTINES
                                                       00720
00730
00740
00750
                                                                                В
В 7
02478
                    00566
                                                                  B IUDI, DLN-y, RETR 87 *-*

*** TO FLIP TFM RETRN-5, PRINT ROUTINE- TFM RETRN, RETURN ADDRESS B7FLIP

*** TO RESTORE TFM BLK9A+5, PARTIAL DISK ADDRESS-TF RETRN-5, RETRN B7FLOP

BLK9 DSA BLK9A

***OC 1.2
                    00000
                                                       00760
00770
02497
                     00002
02503
02504
02505
                    00005
00001
                                                       00780
00790
                                 <del>0</del>2505
                                                                                         1,0
                                                                               DC
DSC
                                                                   BLK9A
                    00001
                                                       00800
                                                                               DSA FLIP1
DC 3,011
DSA FLIP2
02510
                    00005
                               +7340
                                                       00810
02513
02518
                    00003
00005
                                                       00820
00830
                                 <del>0</del>3130
                                                                  USA PCIP2
DC 1,a

** PRINT CHI OR CHI5

** CALL TO PRINT IS TFM DEFCHI, CHI(OR CHI5), BTM PRTCHI, *+12
DC 5,12345

PRTCHI TFM IORT, *+23
02519
                    00001
                                                       00840
                                                       00850
                                                       00860
00870
02524
                    00005
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TFM
 02550
02562
                                 03784
                    02496
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                                                                  ESNOPL DC
                                                                                                                           CHI PRINT DEFINER
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                    00004
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 02601
                     00001
                                                                   CCNO
BLOC
02603
                    00002
                                                       00980
02608
                    00005
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                                                                                         5.0
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01010
01020
01030
                                                                   TRIND
NOIND
INSW
CKEND
02609
                     00001
                    00001
00001
00001
02610
02611
02612
                                                                                DSC
                                                                                         1,0
                                                                   PARCNT DC
TEMP DC
TEMP5 DC
02615
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01050
01060
01070
                                                                   TEMP
TEMP5
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PUT,0132,811,
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02625
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MODAFT,SINGST
SUBSW,ZER13+2
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26
43
15
                    09910
10114
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10099
                                                       01090
01100
02650
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02674
                                02424
                                                       01110
                                                                                BD
                                                                                         BA. INDIV
02686
                    15983
                                 00000
                                                       01120
                                                                                TDM
                                                                                       CHI5+144
02697
                     00001
                                                       01130
                                                                                DC
                                                                                         1,0,*
                                                                                                                                                                                                         32
****
                1620 FORTRAN II-D
                                                     PHASE 1-B
                                                                                                                                                   NOVEMBER, 1966
                                                                                                                                                                                          PAGE
LOCTN OP
                     P/L
                                    Q
                                                       PG/LN LABEL MNEM OPERANDS AND REMARKS
                                                       01140
01150
02698
             31
49
                     15138
                                                                                TR
                                                                                         CHI-1,CHI5-1
                    02902
02717
                                                                                DORG *-4
                                                       01160
02718
02724
02725
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01180
01190
                                                                                RCTY
DS
DC
TFM
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                                00102
                                                                   BA
ESNO
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                                                                                 OS ,*-5

OC 1,0,*-4

TEM 10RT,*+23

B 10GT,URDATA-4,7, READ STATEMENTS FROM TYPEWRITFR

BC4 *-36,1, ALLOWS GOOF SWIICH

P/T TYPE PRINT ROUTINE FROM DISK-RETURN IS TO LNGPRT

BNF LNGPRT,LIST, TOTAL LISTING

TFM RETR +6,SCN1

B7 FLIP

CM CHI,43,10, TEST FOR COMMENT

BNE LEADBL

CM CHI+2,0,10,

BNE LEADBL
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                                                                  ** CALL P/I
BNF
TFM
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02754
                    02718
                                 00400
                                                       01220
02766
                    02798
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02454
15139
                                                       01240
01250
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02778
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02790
02798
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                                                                  LNGPRT CM
BNE
                                 00043
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02810
02822
                    03098
15141
                                                       01280
01290
                                 01200
                                 00000
            47
14
46
49
                                                                                         LEADBL
CHI+4,0,10,
BEGINA
02834
                    03098
15143
                                 01200
                                                       01300
                                                                                BNE
02846
                                                       01310
02858
                                                       01320
                                                                                 BE
02870
                    03098
                                 00000
                                                       01330
                                                                                         LEADBL
                                                      01330
01340
01350
01360
01370
01380
 02878
                                                                                 DORG
                                                                                         *-3
IORT,*+23
IOGT,CDDATA-4,7,
*+35,CHI +144
*+23,2,10
CKEND
02878
                    00565
                                 A2901
                                                                   READ1
                    00566
02937
02937
                                 02901
09893
15283
00002
02890
                                                                                                                             READ FIRST CARD
02902
02914
                                                      01380
01390
01400
01410
01420
01430
                    02612
02994
02994
02937
                                 00000
                                                                                         CKEND
*+56,CKEND,,
*+44,CKEND-1
CKRM-1,CHI
CKRM-24,,,
                                 02612
02611
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                                                                   CKRM
                                                                                                                             SCAN BACK TO PLACE RECORD MARK
02958
02950
02962
02974
             43
14
46
                                                                                СМ
ВН
                    02914
                                 01100
                                                                                                                             CHECK FOR BLANK CARD
                                                                                        READ1,,,
*-3
CKRM-1 ,2
CKRM-1 ,,6
                                                       01440
01450
01460
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02986
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                    02878
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                                                                                B
DORG
02 994
02 994
03 006
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TDM
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03062
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01490
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F *+44,LIST,, TOT
PRINT CARDS FROM CHI
03017
03018
             44
                                 02228
                                                                                 BNF
                                                                                                                      TOTAL LISTING
                                                                   **
                                                       01500
                                                                                TFM
TFM
                                                                                         DEFCHI,CHI,,
PRTCHI-1,*+20
                                                                                                                           MODIFY PRINT DEFINER
03030
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                                                       01510
                    02525
02526
15139
03042
                                                                                         PRTCHI
CHI,43,10
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01540
03062
             14
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CHI+9,0,11
*+32,CHI
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03086
03098
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01570
                                                                  LEADBL BD
             43
                   03130
                                                                                         CHI-1,CHI+1
*-24
*-3
ESNOPL,1,10
                                                       01580
01590
03110
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                                 15140
03130
03130
                                                                                DORG
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01610
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15139
03622
07068
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09084
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CH1,69,10
CSPVA-12,,, B
OUTSW
CSTNO,**+12,,
PUT, 134,8,COLON
ESNO,SYM
                                 00069
01100
00000
03190
 03142
                                                       01620
                                                       01630
01640
01650
03154
                                                                                                                           BRANCH IF NO STATEMENT NUMBER
03166
03178
                                                                                                                             OUTPUT STATEMENT NUMBER
03190
            17
                                 00134
                                                       01660
                                                                                BTM
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16 15 03214 03226

01680 01690

ESNOPL,0,8 NOIND,1,11 SMADD,5,10

```
****
               1620 FORTRAN II-D
                                                                                                                                        NOVEMBER, 1966
                                                PHASE 1-B
                                                                                                                                                                           PAGE
                    P/L
                                 Q
LOCTN OP
                                                  PG/LN LABEL MNEM OPERANDS AND REMARKS
                              0724<del>2</del>
                                                                                                                   TEST IF STATEMENT NO. WAS USED BEFORE SET INDICATOR THAT STA.NO. APPEARED
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03274
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01730
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SMADD,2,10
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*+44

*-3

PUT, 140,8

SMADD,0,6

DOTRAN,1

SMADD,1,10

FORM,5MADD,11
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01770
03286
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                                                                          ВD
03298
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07242
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03318
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01790
01800
01810
03330
03342
03354
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                                                                          BD
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STNER+20 -
CHI-1,CHI+1
*-36
03366
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                                                              LEADZ
                  03430
15138
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03378
                                                   01830
03390
03402
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                                                   01850
                                                                          DORG
TFM
03410
                                                   01860
                                                                                  *-3
03410
03422
03430
            16
49
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09290
                              00876
                                                   01870
01880
                                                              STNER
                                                                                  SPGS+11,076,9
SPERR+12,,,
                                                                                                                    STATEMENT NO. PREVIOUSLY USED
                                                                          DORG
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                                                                                  CHI,46,10
CSPVA
COLNAM,6,10
03430
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03454
                   03634
04696
                               01200
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                                                   01920
                                                                          BTM
                               00006
03466
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                               10031
                                                   01930
                                                                                   SYM, FMTCST
                              01400
01200
                                                   01940
01950
            46
                   03634
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                                                                                   CSPVA
03490
03502
                                                                                  FORMAT
                                                                          BE
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                              00000
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                                                                                  CSPVA
                                                   01970
01980
01990
02000
03510
                                                                          DORG
CM
03510
03510
03522
03534
03546
                  15139
03554
15138
03510
                               aaaaa
                                                              FORM
                                                                                  CHI,00,10,
                                                                                                                    SHIFT OFF BLANKS
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15140
                                                                          BNE
TR
                                                                                  *+32
CHI-1,CHI+1
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                                                   02020
                                                                          กกหล
                                                   02020
02030
02040
02050
                                                                                  COLNAM,6,10
SYM,FMTCST,,
*+24
03554
            17
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03566
03578
03590
                  10081
03602
10392
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01400
01200
                                                                                                                   MUST BE FORMANT STATEMENT
                                                                          C
BV
                                                                                  FORMAT
            46
                                                   02060
                                                   02070
02080
                                                                                  SPGS+11,277,9
SPERR+12,,,
03602
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                               00277
                                                                                                                   ELSE ERROR 27
03622
                                                   02090
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                                                                          TDM
TFM
AM
BNR
                                                                                  NOIND,
X+11,CHI,
X+11,2,10
*+44,X+11,11
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08183
03702
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00002
08183
03634
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02120
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03646
03658
                                                   02130
                                                                                          ,37,610
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DDRG
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X+11
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03714
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03780
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*+47,*+42
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*+18,1,10
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03774
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                                                                                                                   ELIMINATE BLANKS
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CSPVA+24
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03794
03794
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02270
                                                              DORG *-3
DECODE TFM *+35,CHI-2
           16
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                              £5137
                                                                                                                                                                                                34
****
               1620 FORTRAN II-D
                                                 PHASE 1-B
                                                                                                                                        NUVEMBER, 1966
                                                                                                                                                                           PAGE
LOCTN OP
                    P/L
                                 Q
                                                  PG/LN LABEL
                                                                         MNEM OPERANDS AND REMARKS
                   03829
03806
            11
                              00002
                                                   02280
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*+20
03818
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03830
03838
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                                                   02300
                                                                                  *+80
                                                                          DORG
CM
BH
CM
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DECODE+12
DECODE+35,33,610
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                                                   02320
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00033
01200
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02330
02340
02350
03850
03862
03874
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                                                                                  *+56
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02370
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02420
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PARCNT,0,9
NONARI
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                   04018
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03930
03930
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DORG
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DECODE+35,24,610
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AM
B
                                                                                  *+32
PARCNT,1,10
DECODE+12
03942
                   03974
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03954
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03974
03974
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02450
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SM
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PARCNT,1,10
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04042
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ASCAN, INDIV
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02600
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04130
04143
04144
04156
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02630
02640
                                                              DORG
DS
NONARI TEM
                   00014
04246
15140
                                                                                  14,,, N
L1+6,TBST
CHI+1
                                                                                                 NONARI MUST BE AT LEAST -04144-
                               00000
                                                   02650
                                                   02660
02662
02664
02666
02668
04168
           33
                   15142
                              00000
04179
04180
                   00000
04179
                                                                          DS
TF
                                                                                    SV3,CHI+3
                               15142
                                                                                                           ... SAVE FIRST 2 AND 1/2 CHARACTERS
                                                                                  CHI+4,ENDCT+4
END
*+24,INDIV
                                                   02670
02680
02690
04192
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                               10041
04204
04216
                   09564
04240
                              01200
                                                                          ВD
04228
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                                                   02700
                                                                          втм
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04246
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02710
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01200
 04240
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04252
04264
04276
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L1+6,11,10
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L1,L1+6,11

CHI-1,CHI+5

ERROR,071,9

L1+6,TBCM

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BTM
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02770
                                                              L2
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02790
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                                                                          BNH
                                                                                  STSN,0,,
*+48,TRIND
                                                                                                                   SET SINGLE STATEMENT SWITCH OFF
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```

BNF

```
NOVEMBER, 1966
                                                                                                                                                          PAGE
****
             1620 FORTRAN II-D
                                           PHASE 1-B
LOCTN
                                                                 MNEM OPERANDS AND REMARKS
          0P
                  P/L
                              Q
                                             PG/LN LABEL
                                                                          TRIND,0
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32
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04431
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L1+6,,6
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04439
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                                                                  DORG *-4
04439
04444
04450
04455
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00005
00006
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02910
                                                                          1,a
NONARA
                                                                  DC
DSA
                           10224
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NONARA
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                                             02920
                                                                   DC
                                                                  DSA
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                           ±0224
                                             02930
04461
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NONARA
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                                                                                              SUBROUTINE
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04477
04483
04488
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                                                                  DC.
                                                                          6,444546,,
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00005
00005
00006
                                             02980
02980
02980
                                                                  DSA
DC
DSA
                           ±0224
                                                                          NONARA
                                                                          6,455864,,
COMMON
                                                                                             EQUIVALENCE
                           ±0272
                                                                         6,435654,,
DIM
                                                                                             COMMON
                                             03000
                           +0248
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                                                                          6,444954,
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04516
                                                                           BEGIN
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                                             03022
                 00006
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                                                                  DC
04521
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04527
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                                                                                             BEGIN TRACE
                                                                          RETURN
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                                             03030
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04538
04543
04549
04554
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00005
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03050
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NONARA
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DKIO
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IOUT
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04593
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                                                                                              FETCH
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                                                                                              RECORD
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00006
00005
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03160
03170
03180
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                                                                   DSA
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04609
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                                                                   DC
DSA
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IOUT
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IOUT
                 00006
                                                                  DC.
                                                                                              PUNCH
                                                                  DSA
DC
DSA
                                             03190
03200
04620
                 00005
                           +0200
04626
04631
04637
                 00006
00005
                                                                                              TYPE
                           ±0200
                                             03210
                 00006
                                             03220
                                                                  DC
                                                                                             PRINT
04642
                 00005
                           ±0200
                                              03230
                                                                   DSA
04648
                                             03240
                                                                          6,594541,,
NONARA
                 00006
                                                                                             READ
04653
04659
                           10224
                                                                  DSA
                                                                         6,435655,,
CALL
                 00006
                                             03260
                                                                   DC
                                                                                             CONTINUE
04664
                 00005
                           10344
                                             03270
                                                                  DSA
04670
                 00006
00005
                                             03280
                                                                  DC
DSA
                                                                          6,434153,,
GOTO
                                                                                             CALL
                           ±0320
                                             03290
04681
                 00006
                                              03300
                                                                          6,475663,,
                                                                                              GOTO
                                                                                                                                                                         36
             1620 FORTRAN II-D
                                            PHASE 1-B
                                                                                                                          NOVEMBER, 1966
                                                                                                                                                          PAGE
                                                                 MNEM OPERANDS AND REMARKS
LOCTN
         OP
                  P/L
                              Q
                                             PG/LN
                                                      LABEL
                 00005
                                             03310
03320
                           10296
                                                                   DSA
04692
                                                       TBST
                                                                          6,494624.. IF(
                 00006
                                                                   DS
04694
                 00002
                                             03330
                                                                  DS 2
TFM *+42,SYM-26,,
TFM *+35,CHI
AM *+18,2,10
TF, CHI,7
AM *-1,2,10
BNR *+20,*-13,11
B *+32
DORG *-3
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04708
04720
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04743
04738
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                                             03340
03350
03360
03370
                                                                                                       COLLECT NAMES TO DETERMINE TYPE OF STMNT
           16
11
04732
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04744
           11
                 04743
                           00002
                                              03380
04756
04768
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04800
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COLNAM+24
*+30,SYM-25
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                           00001
                                              03420
04788
04800
                 04720
04830
                           01200
10056
                                             03430
                                                                   BNZ
                                                                  TFM
04812
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                           00002
                                             03450
                                                                   ΔМ
                                                                          *+18,2,10
04824
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04836
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00005
04830
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03470
03480
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*-6,COLNAM+42
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                                                                  BNH
                                                                          *-36
04860
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                                             03500
03510
                                                                         SYM, COLNAM+42,11
                                                                   вв
04874
                                                                  DORG *-9
                                             03520
                                             03520
03530
03540
03550
03560
03570
                                                       ***
                                                                       CHECK FOR CONTINUATION CARDS
                                                                                                                          ****
04875
04876
04888
04900
                                                                          2
IORT,*+23
IOGT,C5DATA-4,7
CKCN1,CHI5+10
                 00002
                                                                  DS
                 00002
00565
00566
04962
                           04899
09901
15849
                                                                  TFM
B
BD
           16
49
43
                                                       CKCNTU
04912
           16
                 02603
                           00000
                                              03580
                                                                   TEM
                                                                         CCND+0+10
04924
04936
04948
04960
          14
46
15
42
                 15839
04960
15848
                           00043
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03600
                                                                          CHI5,43,10
                                                                   TDM CHI5+9, 0,11
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                                                                   ВВ
04961
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03640
                                                                   DORG *-10
04962
                                                                          CCND,04,10,
*+68
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                            00004
                                                       CKCN1
                                                                                                       TEST FOR MORE THAN 4 CONTINUATION CARDS
                                                                  CM
BNE
                 05042
15839
                           01200
                                              03650
                                                                         CHI5,43,10
04986
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                                                                   C.M
                                             03670
03680
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05010
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B SPERR+12
DORG *-3
TFM *+47,CHI5+144
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05022
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05042
05042
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03720
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05089
02612
                                                                          CKCN2+68,FMSW
*+23,2,10
CKEND
05054
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                                              03730
                                                                   B D
05066
05078
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                                                                  BD *+56,CKEND
BD *+56,CKEND-1
CM CKCN2-1,CH15+12
BH CKCN2-24
B CKCNTU
DORG *-3
05090
           43
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                           02612
                                             03760
                                                       CKCN2
          43
14
46
49
                           02611
+5851
01100
                                             03780
03780
03790
05102
                 05146
05114
05126
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05138
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                           00000
05146
                                              03810
                                                                  DORG *-3
AM CKCN2-1 ,2,10
TDM CKCN2-1 ,,6
DC 1,0,*
BNF *+44,LIST, TOT.
PRINT CARDS FROM CHIS
TFM DEFCHI,CHIS
05146
           11
                 05089
                            00002
                                             03820
03830
05158
                 05089
                                             03840
           44
                           02228
05170
                 05214
                                              03850
                                                                                                  TOTAL LISTING
                                              03860
                                                                                                                                                                           37
05182 16
               02593
                           £5839
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****
               1620 FORTRAN II-D
                                                   PHASE 1-B
                                                                                                                                             NOVEMBER, 1966
                                                                                                                                                                                  PAGE
LOCTN
          OP
                    P/L
                                  0
                                                    PG/LN LABEL MNEM OPERANDS AND REMARKS
                                                     03880
03890
                                                                                     PRTCHI-1,*+20
PRTCHI
05194
05206
05214
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                                                                             CM
                                                                                    CHI5,43,10,

CKCNTU

CCND,1,10

CKCN4,FMSW

*+35,CHI5+10

*+23,2,10

*+444,

X+11 ,37,610

X+11 ,AVOID,6

CKCNTU

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05297
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TFM
                               15849
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                                                     03950
                                                                             ÀΜ
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03970
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CKCN3-12,,, TC

X+11 ,CKCN3+11,611

X+11 ,2,10

CKCN3-12
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                                                                             DORG
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05342
05354
                   05297
05274
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01200
                                                                                                                       CHECK FOR BLANKS AND MOVE NON BLANK
TO SCAN AREA
                                                                             CM
BE
            26
                   08183
                               05297
                                                     04030
                                                     04040
04050
05366
            11
                   08183
                               0000
05378
                               00000
05386
                                                     04060
                                                                             DORG #-3
                                                                             TF
SM
                                                                                     *+30,X+11
*+18,1,10
,CHI5+11
05386
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                               08183
                                                     04070
                                                                CKCN4
05398
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                   05416
00000
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15850
                                                     04080
04090
                                                                             TR
                                                                                  THE FOLLOWING IS USED TO COLLECT STATEMENT NUMBERS *****
            11
                   08183
                                00+32
                                                     04100
                                                                             ΔМ
                                                     04110
04120
05434
                               00000
                                                                            THE FOLLOWING IS LET CORN-1,*-1,*
BD *+32,cHi
TR CHI-1,*CHI+1,*
B *-24
DDRG *-3
TFM SYM-14,0000,8
TFM CSTN01+6,$YM-14
CM CH1,69,10
BNH CSTN01+104
M #+18.1.10
                   05737
                               05445
                                                     04130
                                                                CSTNO
                                                                                                                        SET UP RETURN ADDRESS
05458
                   05490
                                15139
                                                     04140
                                                    04140
04150
04160
04170
04180
                   15138
05458
05470
                                                                                                                        SHIFT OFF LEADING ZEROS
05482
05490
05490
05502
                                00000
                   10067
            16
                               00000
                   05556
                                ±0067
                                                     04190
05514
05526
05538
05550
                   15139
05654
05556
                                                    04200
04210
04220
                               00069
             11
                               00001
                                                                                      *+18,1,10
                                                    04230
04240
04250
                                                                                     ,CHI
CHI-1,CHI+1
*+20,CHI+2
                   00000
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                                                               CSTN01
                                                                             TD
05562
            31
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05574
                                                                             BNR
055 74
055 86
055 94
055 94
                   05618
                                                                            B *+32
DORG *-3
CM CHI,69,10
                                                     04260
                               00000
                                                     04270
                                                    04280
04290
                                                                            CM
BH
            14
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                               00069
05606
05618
05630
                   05538
05556
                                                                                     CSTN01-12
CSTN01+6,SYM-10
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                                                                             CM
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04320
04330
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                                                                                      *+24
                                                                                    *+24
ERROR2,576,9,
SYM,CSTNO1+6,11
SYM-3
1 ,*-4
1 ,*-3
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05654
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10081
                               00576
05556
                                                                                                                        STATEMENT NO GREATER THAN 4 DIGITS
                                                                             TF
                                                    04340
04350
04360
05666
            32
                   10078
                               00000
05673
05674
05675
                                                                RTSW
ERSW
STSN
                   00001
                                                                             DS
DS
                                                                                          ,1,*-2
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                                                                            DC.
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CSTNO-1,DIMSW,6,
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05678
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                                                                 STC
                                                    04390
04400
04410
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                               10106
                                                                                                                        EXIT IF IN DIMENSION STATEMENT
05690
05702
                   06453
07615
                               00002
            15
15
                                                                             TDM
                                                                                     FXORFL,2
                               00001
                                                                             TDM
                                                                                      VARSW.1..
                                                                                                                        EXIT TO LOOK UP STATEMENT NUMBER
05714
            15
                   10105
                               00001
                                                     04420
                                                                             TDM
                                                                                      STNOSW, 1
                                                    04430
04440
                                                                                      SMTLU
                                                                                                                                                                                                    38
                                                                CSORN
                                                                            BD
                                                                                     *+24 • EQUSW
****
               1620 FORTRAN II-D
                                                   PHASE 1-B
                                                                                                                                            NOVEMBER, 1966
                                                                                                                                                                                  PAGE
                                                    PG/LN LABEL MNEM OPERANDS AND REMARKS
LOCTN OP
                    P/L
05750
                   06049
                               £5139
                                                                                     SCHI.CHI..
                                                                                                                        INITIALIZE IF NOT IN EQUIVALENCE INITIALIZE FIX OR FLOAT SWITCH
                                                    04450
                                                                                      FXORFL,0,,
SCHI,3,610,
05762
            15
                   06453
                               00000
                                                     04460
05774
                   06049
                               00003
                                                     04470
05786
05798
                   06150
                               01200
                                                    04480
                                                                             ВE
                                                                                     NUMBER
                                                                                      SCHI,69,610,
NUMBER
SCHI,48,610,
                   06049
                               00069
                                                    04490
                                                    04500
04510
05810
05822
                   06150
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            14
                                                                                                                        TEST FOR FIX VAR.
05834
05846
                   05882
06049
                               01100
00055
                                                    04520
04530
                                                                            BNH
                                                                                      SCHI,55,610
                                                                                     SCHI,55,610
CS
FXORFL,2,,
SMLNG,0,10,
SALT+6,SYM-12
SALT+18,SYM-13
SALT+6,2,10
SALT+18,2,10,SCHI,11,
                                                                            BH
TDM
TFM
TFM
05858
             46
                   05882
                               01100
                                                     04540
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06453
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05948
05960
05948
05870
05882
05894
05906
                               00002
000<del>0</del>0
10069
                                                    04550
04560
04570
04580
                                                                                                                        SET FXORFL TO FIX VAR
INITIALIZE SYMBOL LENGTH COUNT
                                                               cs
                                10068
                                                                             TEM
05918
            11
                               00002
                                                     04590
05930
05942
05954
            11
                   05960
                               00002
                                                     04600
                   00000
                                00000
                                                     04620
05965
                   00000
                                                    04630
                                                                SMLNG
                                                                            DS
                                                    04640
04650
04660
                                                                                     SMLNG,2,10
SCHI,2,10
SCHI,40,610
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                                                     04670
                                                                             BNH
                                                                                      *+56
                                                    04680
04690
                                                                                      SMLNG, 12, 10
SALT-24
06014
            14
                   05965
                               00042
06026
06038
                   05918
10070
                               01300
            32
                               00000
                                                     04700
                                                                             SF
                                                                                      SYM-11
                                                     04710
06049
                   00000
                                                                SCHI
                                                                            DS
                                                    04720
04730
04740
06050
            49
                   06138
                               00000
                                                                                      SC2
                                                                            DORG
                                                                                     *-3
                   10070
06058
            32
                               00000
                                                                             SF
                                                                                     SYM-11
                                                                                     2,37,*-3
2,0,*-1
SYM,SALT+6,11,
06066
                   00002
                                                     04750
                                                                GIOVA
                                                                            DC
06068
06070
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10081
                                                    04760
04770
                                                                             DC
TF
                                                                                     VARSW,0
SMTLU,EQUSW,,
SCHI,1,10,
CHI-1,SCHI,11,
06082
            15
                   07615
                               00000
                                                     04780
                                                                             TOM
06094
06106
06118
                   06988
06049
15138
                                10110
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                                                     04780
04790
04800
04810
                                                                                                                        TEST TO SEE IF
SYMBOL IS TO BE
SHIFTED OFF
06130
06138
            49
                   06988
                               00000
                                                     04820
                                                                                      SMTLU
                                                                            B SMTLU
DORG *-3
BTM ERROR,78,9,
TDM VARSW,1,,
TF SYM,ZERSYM+1
TFM NUMB1+6,SYM-29
                                                     04830
06138
            17
                   09384
                                00078
                                                                SC2
NUMBER
                                                                                                                        NAME GREATER THAN 6 CHARACTERS
SET VARIABLE SW. TO INDICATE LITERAL
                   07615
10081
                                00001
06988
                                                     04850
04860
06174
            16
                   06308
                                10052
                                                     04870
                                                                                     CHI,70, 10,
*+32
CHI-1,CHI+1
06186
                   15139
                                00070
                                                     04880
                                                                                                                         TEST FOR LEADING ZEROS
06198
06210
                   06230
15138
                                                     04890
04900
                                                                             BNE
                                15140
                                                                             TR
                                                                             B *-36
DORG *-3
CM CHI,3, 10
06222
            49
                   06186
                               00000
                                                     04910
06230
06230
                                                     04920
04930
                    15139
                                00003
                                                                NUMB
                                                                                     FLNUMB
CHI,69,10
FXNUMB
06242
06254
            46
                   06462
15139
                               01200
                                                     04940
                                                                             ВΕ
                               00069
                                                     04950
06266
06278
                   06358
06308
                                                    04960
04970
                                                                                      NUMB1+6,SYM+1
                               ±0082
                                                                             CM
06290
            46
                   06314
                               01300
                                                     04980
                                                                             BNL
                                                                                      *+24
            25
31
11
06302
                   00000
                               15139
                                                     04990
                                                                NUMB 1
                                                                             TD
                                                                                       ,СНІ,,
                                                                                                                         COLLECT MANTISSA
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06308

00001

05010

TR AM

CHI-1,CHI+1 NUMB1+6,1,10

```
1620 FORTRAN II-D
                                                   PHASE 1-B
                                                                                                                                               NOVEMBER, 1966
                                                                                                                                                                                     PAGE
                                                                                                                                                                                              10
LOCTN OP
                     P/L
                                   Q
                                                     PG/LN
                                                                LABEL MNEM OPERANDS AND REMARKS
                                                     05020
05030
                                                                 NUMB 5
                                                                                       SYM-30,1,10
NUMB
                                                                              AM
B
            11
49
06350
                    06230
                                00000
                                                                             B NUMB
DORG *-3
TDM FXDRFL,2,,
SM SYM-30,1,10
C KLNG,SYM-30,,
BNL *+24
BTM ERROR,177,9,
06358
                                                     05040
06358
06370
                                00002
                                                     05050
05060
                                                                                                                          SET FIX OR FLOAT SW TO FIX CONST
                   10051
02252
                                00001
06382
                                10051
                                                     05070
                                                                                                                          TEST IF FIX NUMBER EXCEEDS K
06394
06406
                               01300
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05090
                                                                                                                          FIXED POINT NUMBER GREATER THAN K
                                                                                      SYM-30, TENZ
SYM+1, NUMB1+6,11,
SYM+1,,2
2,0,*-2
06418
            26
                   10051
                                10093
                                                     05100
                                                                              TF
                                                     05110
05120
05130
06430
                   10082
                                                                                                                          RIGHT JUSTIFY VALUE
                                                                  MODE
                                                                 MODE DC
FXORFL DC
06453
                    00002
                                                     05140
                                                                                       2.0.*
06454
06462
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05160
05170
                                                                                       SMTLU
*-3
VARBR+6,NUMB3
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                                                                              DORG
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                                                                 FLNUMB TFM
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                                                                                      VARBR+6,NUMB3

SYM-30,1,10

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VARBR+6,NUMB2+12

SYM-30,1,10

CHI-1,CHI+1
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06552
10051
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06486
06498
06510
06522
                                01200
06618
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            31
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                                                     05220
                                                                              TR
06534
06546
06558
06570
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05240
05250
05260
                    15139
                                00070
                                                                                      CHI,70,10
                   00000
06638
06552
                                                                                                                          BRANCH BACK TO SHIFT OFF LEADING ZEROS
                                                                 VARBR
                                                                                      CMPAR
                                01100
                                                                              BNH
                                                                                       VARBR+6 . NUMB2+12
                                06618
06582
                    06308
                                10082
                                                     05270
                                                                                       NUMB1+6,SYM+1
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06606
                   06618
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                                                    05280
05290
                                                                                       *+24
NUMB1+6,CHI,6,
                                                                              BNL
TD
                                                                 NUMB 2
                                                                                                                         COLLECT NUMBER
                                                                                      NUMB1+6,1,10
NUMB3+12
*-3
CHI,45,10,
06618
                    06308
                                00001
                                                     05300
                                                                              ΑМ
                                                     05310
05320
05330
06630
06638
                    06522
                                00000
                                                                              DORG
                    15139
                                00045
                                                                 CMPAR
06638
            14
                                                                             CM
                                                                                                                         TEST FOR E TYPE
06650
06662
                   06878
06877
                               01200
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05350
                                                                              BNE
TFM
                                                                                      PLUS+12
PLUS+11,0,10
                                                                                      PLUS+1,1
CHI+2,20,10
06674
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14
                    06867
15141
                                00001
                                                     05360
                                                                              TDM
06686
                                00020
06698
06710
06722
06734
                   06734
06746
06867
                               01300
01200
00002
                                                     05380
05390
05400
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                                                                              BNE
TDM
TR
CM
                                                                                      PLUS+1,2
CHI-1,CHI+1
CHI+2,69,10
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06877
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06758
06770
06782
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                                                                                      *+24
ERROR,178,9,
PLUS+11,CHI+2
CHI-1,CHI+3
CHI-69,10
                                                                             BH
BTM
                                                                 EXCESS
                                                                                                                         INVALID EXPONENT
                                                                              TD
                   15138
15139
06866
                                                     05460
05470
05480
            31
14
47
06794
                                15142
06806
06818
06830
                                00069
                                                                                      PLUS
PLUS+10,PLUS+11
                                                                              BNH
                   06876
                                06877
                                                     05490
05500
                                                                             TD
TR
AM
                                                                                      PLUS+11,CHI
CHI-1,CHI+1
SYM-30,,7
06842
            25
                   06877
                                15139
                   15138
10051
                                                     05510
05520
06854
                                00000
                                                                 PLUS
                                                                                       SYM, SYM-30
SYM-29
SYM-2, SYM-30,7
06878
            26
                    10081
                                10051
                                                     05530
                               00000
10051
                                                     05540
05550
06890
                    10052
06902
06914
                   10079
06770
            46
                               01400
                                                     05560
                                                                              ΒV
                                                                                      EXCESS
                   06988
10081
                               10052
000<del>99</del>
                                                                                      SMTLU,SYM-2
SYM,99,1011
06926
06938
                                                     05570
05580
                                                                                                                                                                                                        40
****
               1620 FORTRAN II-D
                                                   PHASE 1-B
                                                                                                                                               NOVEMBER, 1966
                                                                                                                                                                                    PAGE 11
LOCTN OP
                     P/L
                                   ۵
                                                     PG/LN LABEL MNEM OPERANDS AND REMARKS
06950
06958
                                                                             B SMTLU
DORG *-3
            49
                                                     05590
                   06988
                              00000
                                                     05600
06987
                    00030
                                                     05610
                                                                 ZERSYM DC
                                                                                     30,0
06959
                   00003
                                                                                  3,010,ZERSYM-28
SYMBOL TABLE LOOK UP ******
                                                     05620
                                                                             DC
                                                    05630
05640
05650
                                                                 ****
                                                                 SMTLU TEM MODAD, STBL-4
06988
           16
                  07919
                              02373
                                                                                  M MODAD, SIBL-4
M SMADD
M SMCNT, STBL-6
MODAD IS USED TO TEST FOR FIX OR FLOAT
SMADD WILL CONTAIN THE ADDRESS OF THE SYMBOL ENTRY AT EXIT
SMCNT IS USED TO FIND VARIABLE OR LITERAL
LSTEN, TBENT
LSTEN, 1, 10
DWYAP
07000
                  07242
07295
                               00000
02371
                                                    05660
05670
                                                                             TFM
TFM
07012
                                                     05680
05690
                                                                 **
                                                     05700
                                                                 **
07024
07036
07048
                   07059
07059
                               02429
000<del>0</del>1
                                                     05710
05710
            33
                   08124
                               00000
                                                     05730
                                                                                      DMVAR
07059
07060
                   00000
                                                     05740
05750
                                                                 LSTEN
                                                                                       ,*
SMLOOP+36
                   07104
            49
                                                                                      *-3
SMCNT,10,10
07068
                                                     05760
                                                                              DORG
07068
            12
                   07295
                               000±0
                                                     05770
                                                                 SMLOOP
07068
07080
07092
                   00000
07919
07242
                                                     05780
05790
05800
                                                                                       ,SML OOP
MODAD, 10, 10
SMADD, 10, 10
                                00010
                                00010
07104
                   07059
                                00001
                                                     05810
                                                                                       LSTEN, 1, 10
                                                                                     LSTEN, 1, 10

JDE

*+35, SMCNT

*+23,50,10

TBLFUL

TBCNT, 1,10
07104
07116
07128
07140
07152
07164
                   07059
07204
07163
07163
                               01100
07295
000<del>5</del>0
                                                     05820
05830
05840
            26
12
45
11
                   07184
02429
                               00000
                                                     05850
                                                                              BNR
Am
                                00001
                                                     05860
                                                                                      ADVAR
*-3
ERROR2,74,9,
07176
                   08124
                                00000
                                                     05870
05880
05890
05900
07184
07184
07196
            17
49
                   09440
00796
                                                                 TBLFUL BTM
                                                                                       MONCAL,,,
                               00000
                                                                                                                         ABORT JOB CAN NOT GO ON
                                                                                      *-3
LITERL, VARSW,,
*+20, SMCNT, 11,
07204
                                                     05910
                                                                             DORG
07204
07216
                               07615
0729<del>5</del>
                                                     05920
05930
05940
                                                                                                                         BRANCH IF SYMBOL IS A CONSTANT
FLAG AT SMCNT IMPLIES CONSTANT
                   07720
                                                                              BD
BNF
07228
            49
                   07068
                               00000
                                                                                      SMLOOP
07236
                                                     05950
                                                                              DORG
07236
07242
                                                     05960
05970
                                                                                      ,SYM
                   00000
                               10081
                                                                              C
DS
                   00000
                                                                 SMADD
                                                    05980
05990
06000
                                                                             BV
BNE
TDM
                                                                                      SMLOOP
SMLOOP
INSW,1,,
07248
                   07068
                               01400
07260
07272
                   07068
                               01200
00001
                                                                                                                         SET DIGIT IN INSW IF VARIABLE FOUND
07284
            33
                   07242
                               00000
                                                     06010
                                                                                       SMADD
                   00000
07242
08880
                                                    06020
06030
06040
                                                                             DS
C
07295
                                                                 SMCNT
07296
07308
                                02318
                                                                                       SMADD, FCTEND,,
                                                                                                                         TEST IF SYMBOL WAS LIBRARY FUNCT
                                                                                     SMADD, FC TEND,,
FCTEST,,,
SMCNT,3,10
CSORN-1,DIMSW,6,
*+32,EQUSW
CHI,24,10
                                                                              вн
                               01100
                  07295
0573<del>7</del>
07376
15139
07320
                               00003
                                                     06050
                               10106
10110
000<del>2</del>4
                                                     06050
06060
06070
06080
                                                                                                                         RETURN IF IN DIMENSION STATEMENT
07344
07356
07368
07376
                   07388
                               00000
                                                     06090
                                                                                       *+20
                                                     06100
                                                                              DORG
                  0604<del>9</del>
07408
07980
                              00024
0729<del>5</del>
00000
                                                                                      SCHI,24,610
*+20,5MCNT,11
FCTST
           14
45
49
                                                                              CM
BNR
                                                     06130
06140
                                                                              DORG
07408
                                                                                                                                                                                                           41
```

07512 01200

DIMERR+12

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1620 FORTRAN II-D
****
                                                   PHASE 1-B
                                                                                                                                               NOVEMBER, 1966
                                                                                                                                                                                     PAGE 12
LOCTN
            OΡ
                     P/L
                                   ۵
                                                     PG/LN LABEL MNEM OPERANDS AND REMARKS
                                                                               BD
                                                                                                                          TEST FOR DIM VARIABLE
                                07295
                                                     06160
                                                                                       *+20.SMCNT.11.
             43
49
07432
                    07556
                                00000
                                                      06170
                                                                                       LUXIT
07439
07439
                                                                                      *-4
1,0
                                                                               DORG
                                                                 FNTSW2 DSC
                    00001
                                                      06190
                                                                                      1,0
LUXIT,IOSW,,
LUXIT,FNTSW2
LUXIT, CALLSW,,
COME,COMSW,,
LUXIT-12,FOUSW
ERROR,73,9,
COMER2,COMSW
*+20,SMCNT,11
07440
07452
07464
07476
07488
                                                     06200
06210
06220
06230
                                                                              BD
BD
BD
                    07556
07556
                                10113
07439
                                                                                                                          DIM VAR USED W/O DIM IN I/O STATEMENT
                    07556
11968
                                                                                                                          DIM VAR USED W/O DIM IN CALL . SAME FOR COMMON
                    07544
             43
                                10110
                                                      06240
                                                                               BD
                    09384
09496
07544
                                                                 DIMERR BTM
BD
BD
 07500
             17
43
43
                                00073
                                                     06250
                                                                                                                          DIMENSIONED VAR USED WITH OUT SUBSCRIPT
07512
07524
07536
                    07500
                                                                                       DIMERR
            49
                                00000
                                                     06280
07544
                                                      06290
                                                                               DORG *
                                                     06300
06310
                                                                                   DMVAR,,, S
EXIT FROM TABLE LOOK UP
07544
            32
                    08124
                                00000
                                                                              SF
                                                                                                                           SET DIMENSION VARIABLE SWITCH
                                                                                      CSORN-1,OUTSW,6,
OUTSW
PUT,SMADD-1
*+44,DMVAR
                                                                                                                           EXIT IF OUTSW NOT SET
07556
                                07068
                                                                             BNE
                    05737
                                                      06320
                                                                 LUXIT
                                                     06330
06340
07568
            33
                    07068
                                00000
                    09084
07636
                                 07241
 07592
                                08124
                                                     06350
                                                                               BNF
 07604
            33
                    08124
                                00000
                                                      06360
                                                                                       DMVAR
 07615
07616
                                                     06370
06380
                                                                 VARSW
                                                                              DS
TF
                                                                                       ,*
OUTSCE,CSORN-1
                                05737
            49
 07628
                    10464
                                00000
                                                     06390
                                                                                       OUTSC
                                                     06400
06410
06420
                                                                              DORG *-3
BNF *+32 ,FNTSW,,
BTM PUT,0154,8,
 07636
 07636
07648
                    07668
09084
                                                                                                                          TEST IF SYMBOL WAS A FUNCTION NAME ARITH STATEMENT CALL
             17
                                                                              BIM PU1,0154,8,
B CSORN-1,,6
DORG *-3
BD *+20,FNTSW,,
B CSORN-1,,6
DORG *-3
                                                     06430
06440
06450
06460
07660
             49
                    05737
                                00000
07668
07668
07680
07688
                    07688
0573<del>7</del>
                                10102
00000
                                                                                                                          DIGIT AND NO FLAG IMPLIES SUBPROGRAM
                                                     06470
06480
                                                                                      AERR1,0MM,,
PUT,0153,8,
CSORN-1,,6
07688
            43
                    09484
                                10109
                                                                                                                           STATEMENT FUNCTION PREV DEFINED
07700
            17
                    09084
                                                     06490
06500
                                                                                                                           FUNCTION OPERATOR CALL
07712
                                                      06510
                                                                              DORG
                                                                                   RG *-3
SEARCH SYMBOL TABLE FOR CONSTANTS ******

F SMLODP, SMCNT, 11, CONSTS HAVE FLAG
BRANCH IF LOOKING-UP STATEMENT NUMBER
FXLIT, FXDREL, BRANCH IF LOOKING-UP STATEMENT NUMBER
FXLIT, FXDREL, BRANCH IF SEARCHING FOR FIXED CONST
SMADD, SYM, 6, COMPARE CHARACTERISTICS

E SMLODP
ADSAUE SMADD
                                                     06520
                                                                  *****
                                                     06530
06540
06550
07720
                    07068
                                                                 LITERL BNF
                                07295
07720
07732
07744
07756
                    07068
08744
08060
07068
                                 10105
                                06453
                                                     06560
                                                                               BD
                    0724<del>2</del>
07068
                                10081
01200
                                                     06570
06580
 07768
07780
07792
            26
                    08519
                                                                                       ADSAVE, SMADD
                                07242
                                                     06590
                                                                               TF
                                                                                       ADSAVE, SMADD
ADSAVE
SMCNT, 6
ADSAVE, 2, 610
SMADD, SYM-2, 6,
                                00000
00000
000<del>0</del>2
                                                     06600
06610
06620
07804
                    08519
07816
07828
                    0729<del>5</del>
0851<del>9</del>
07840
             24
                    07242
                                10079
                                                     06630
                                                                                                                          COMPARE MANTISSA
07852
07864
07876
                   07896
0851<del>9</del>
                                01200
000<del>0</del>2
                                                     06640
06650
                                                                                       *+44
ADSAVE,2,610
                                                                                       SMCNT,,6
SMLDOP
*-3
ADSAVE,2,610
            32
                    07295
                                00000
                                                     06660
                                                                               SF
                                                     06670
06680
06690
                                                                              B
DORG
07888
            49
                    07068
                                00000
07896
07896
07908
                    08519
                                                                              AM
SF
                    07295
                                                                                       SMCNT,,6
            32
                                                     06700
                                00000
                                                                              DS
TDM
07919
                    00000
                                                     06710
06720
                                                                  MODAD
                                                                                                                                                                                                    42
            15
                                                                                      INSW,1
07920
                    02611
                               00001
                1620 FORTRAN II-D
                                                    PHASE 1-B
                                                                                                                                               NOVEMBER, 1966
                                                                                                                                                                                     PAGE 13
LOCTN OP
                     P/L
                                   Ω
                                                     PG/LN LABEL MNEM OPERANDS AND REMARKS
07932
07944
                                                     06730
06740
                    07242
15139
                                00000
                                                                 E37061 CF
CM
             33
14
                                                                                       SMADD
                                00024
                                                                                       CHI,24,10
07956
                    07556
                                01200
                                                     06750
                                                                               RNE
                                                                                       LUXIT
 07968
                    09384
                                                      06760
                                00378
                                                                                       ERROR, 378,9
                                                                              втм
                                                     06770
06780
06790
                                                                                   TEST FOR SINGLE STATEMENT FUNCTION OR FUNCTION SUBROUTINE

*+36

*+24,CALLSW
07980
07992
                    08016
08016
                                01200
                                                                 FCTST
            46
43
                                10111
00<del>0</del>79
00001
                                                                                      ERROR, 079,9,
FNTSW,1,,
LUXIT, SMCNT, 11
08004
            17
                    09384
                                                      06800
                                                                 ERR09
                                                                                                                          INCORRECT USE OF SUBPROGRAM NAME FUNCTION SUBROUTINE
08016
                    10102
                                                     06810
06820
                                                                               BNF
08028
             44
                    07556
                                07295
                                                     06830
06840
06850
06860
                                                                                       FNTSW,,,
08040
            32
49
                    10102
                                00000
08052
08060
08060
08072
                                                                               DORG
                                                                                      *-3
*+20,MODAD,11,
SMLOOP
                    08080
07068
                                                                 FXLIT
            43
49
                                                                              BD
                                                                                                                          DIGIT INDICATES FIX VAR
                                00000
                                                     06870
08080
                                                      06880
                                                                               DORG *-3
                                                                                      SMLOOP, MODAD, 11,
SMADD, SYM, 6
SMLOOP
                                                     06890
06900
08080
                    07068
                                07919
                                                                                                                          TEST FOR STATEMENT NO.
08092
08104
                                 10081
                                                                              C
BNE
                                01200
                                                     06910
08116
                    07932
                                00000
                                                     06920
                                                                                       E37061
                                                     06930
06940
06950
                                                                                   GC *-3
ENTRY TO ADD A NEW VARIABLE TO SYMBOL TABLE
SMADD
08124
                                                                              DORG
08124
            33
                    07242
                                                                  ADVAR
                                                                             CF
                                00000
                                                                                      SMADD
,ADVAR
INSW,O
SMCNT,3,10
MODAD,FXORFL,6,
MODAD,,6
ADLIT,VARSW,,
NXLOC,SMLNG,,
NXLOC,SYM,6,
08124
                    00000
                                                     06960
                                                                 DMVAR
                                                                              DS
08136
08148
                   02611
07295
                                00000
                                                     06970
06980
                                 00003
                    07919
                                06453
                                                                               TD
08160
08172
            25
32
                                                     06990
                                                     07000
07010
07020
07030
                    07919
                                00000
                                                                 Х
08184
08196
08208
                   08584
02372
0237<del>2</del>
                                07615
05965
10081
                                                                                                                          BRANCH TO ADD CONSTANT
MOD SYMBOL STORAGE BY NUMBER OF CHAR
MOVE SYMBOL INTO SYM STORAGE
MOVE ADD OF SYM INTO SYMBOL TABLE
TEST IF IN DIMENSION STATEMENT
                                                                               ВD
                                                     07040
07050
                                                                                       SMADD, NXLOC, 6,
ADVAR1, DIMSW,,
08220
             26
                    07242
                                02372
                                                                 ADVLOP TF
08232
08244
08252
                    08300
                                00000
                                                     07060
                                                                              В
                                                                                       ADVAR2
                                                                             DORG *-3
SM SMADD, 10, 10
AM TBCNT, 1, 10
TF SMADD, NXL OC, 6,
AM SMADD, 10, 10
BD ADSUBP, SUBSW,,
BD CSDRN-1, DIMSW, 6,
BNF *+24, COMSW,,
SF SMCNT, 6,
BD *+32, FCUUSW,,
CM CHI, 24, 10
B *+20
DORG *-3
CM SCHI, 24, 610
RNE LUXIT
                                                      07070
                                                                               DORG
                                                     07070
07080
07090
07100
07110
07120
                                                                 ADVAR1 SM
AM
TF
 08252
            12
                    07242
                                00040
 08264
08276
08288
                    07242
02429
0724<del>2</del>
07242
                                000<del>1</del>0
000<del>1</del>0
02372
000<del>1</del>0
             11
26
11
43
                                                                                                                           PLACE DOUBLE ENTRY FOR DIMENSION VAR
                                                                                                                           TEST IF IN SUBROUTINE STATEMENT
 08300
                    08496
                                10114
                                                                ADVAR2 BD
                                                     07130
07140
07150
                                                                                                                           GOTO COLLECT DIMENSIONS IF IN DIM
TEST IF IN COMMON
SET FLAG ON INDICATOR IF COMMON VARIABLE
             43
44
32
                                                                 BD
SETIND BNF
 08312
                    05737
                                10106
 08324
                                 10112
                    08380
15139
                                                     07160
                                                                 SUBTST BD
 08348
            43
14
                                10110
 08360
                                00024
                                                     07170
 08372
08380
                                                     07180
07190
07200
             49
                    08392
                                 00000
08380
            14
                    06049
                                00024
08392
08404
08416
                                01200
10110
10114
                                                                                       LUXIT
SUBTR, EQUSW,,
LUXIT, SUBSW,,
             47
                    07556
                                                     07210
07220
                    08484
07556
                                                                                                                           DO NOT SET SWITCH IF IN DECLARATION STMT
                                                      07230
                                                                               BD
                                                     07240
07250
07260
                                                                                       COMER2,COMSW
FNTSW,I,,
SMCNT,,6
 08428
                    09496
                                10112
                    10102
0729<del>5</del>
00001
                                00001
             15
15
                                                                                                                           SET SWITCH FOR FUNCTION NAME (A)
 08452
08463
                                                      07270
                                                                               DC
                                                                                       1,0,*
                                                                               BD
B
                                                                                       ASC21,0MM
LUXIT,
 08464
                    13282
                                 10109
                                                      07280
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****	1	620 FOR	TRAN II-D	PHASE	1-8	NUVEMBER, 1966 PAGE	14
LOCTN	OP	P/L	Q	PG/LN	LABEL	MNEM DPERANDS AND REMARKS	
08484 08484	17	09384	00170	07300 07310 07320 07330 07340	SUBTR ***** *****		DNS
08496 08508	44 33	08540 10114	10114 00000	07350 07360	ADSUBP	PBNF *+44,SUBSW CF SUBSW	•
08519 08520	11	00000 07242	00010	07370 07380	ADSAVE	AM SMADD, 10, 10	
08532 08540 08540	49 32	08324 10114	00000	07390 07400		B SETIND DORG *-3 SE SUBSM	
08552 08564	12	07242	00000 000±0 000⊕1	07410 07420 07430		SF SUBSW SM SMADD,10,10 AM TBCNT,1,10	
08576 08584	49	08220	00000	07440		B ADVLOP,,, BRANCH TO PLACE SYMBOL IN SECOND TIME DORG *-3	
08584	43	08808	10105	07460 07470	***** ADL IT	BD ADSTN, STNOSW, , BRANCH TO ADD STATEMENT NUMBER	
08596 08608 08620	43 21 26	08712 02372 0237 2	06453 02250 10079	07480 07490 07500		BD ADXLIT;FXORFL;, BRANCH TO ADD FIX CONST A NXLOC;FLNG TF NXLOC;SYM-2;6, MOVE IN FLOATING MANTISSA	
08632 08644	11	02372 0724 2	000 0 2 02372	07510 07520		AM NXLOC,2,10 TF SMADD,NXLOC,6, SET SYM ADD INTO TABLE	
08656 08668	26 12	0237 2 07242	10081 000 0 1	07530 07540	ADL 1T1	SM SMADD, 1, 10	
08680 08692 08704	32 11 49	0724 2 07242 07944	00000 000 0 1 00000	07550 07560		SF SMADD,1,6 AM SMADD,1,10 B E37061+12	
08712 08712	21	02372	02252	07570 07580 07590	ADXLIT	DORG *-3	
08724 08736	26 49	0724 2 08656	02372 00000	07600 07610		TF SMADD,NXLOC,6 B ADLIT1	
08744	44	007//	07010	07620 07630	*****		
08744 08756 08764	49	08764 07068	0791 9 00000	07640 07650 07660	LUSTNO	0 BNF *+20,MODAD,11, B SMLOOP DORG *-3	
08764 08776	24 47	0724 2 07068	10081 01200	07670 07680		C SMADD,SYM,6 BNE SMLOOP	
08788 08800	15 49	10105 07920	00000	07690 07700		TDM STNOSW,0 B E37061-12,,, BRANCH TO SET INSW AND GO TO LUXIT	
08808	11	02372	00004	07710 07720	***** ADSTN		
08820 08832	26 33	0724 2 0791 9	02372 00000	07730 07740 07750	ADSIN	AM NXLOC,4,10 TF SMADD,NXLOC,6, MOVE STAMNT NO. ADDRESS TO TABLE CF MODAD,,6, CLEAR FLAG FOR STATEMENT NUMBER	
08844 08856	15	10105 08656	00000	07760 07770		TDM STNOSW,0 B ADLIT1	
08868 08880 08892	17 43 43	09384 08868 08868	00 3 74 10112 10110	07780 07790 07800	FCTEST		
08904 08916	43	08868	10106 10113	07810 07820		BD *-24,EQUSW,, FUNCT NAME IN EQUIV BD *-36,DIMSW,, 1 BD *-48,IDSW	
08928 08940	43 14	08868 15139	10109 000 2 4	07830 07840		BD FCTEST-12,0MM CM CHI,24,10	
08952 08964	47 26	08868 08999	01200 07242	07850 07860		BNE FCTFST-12 TF *+35,SMADD	44
****	1	(20 500					
LUCTN 08976	OP	P/L 08999	Q 000 0 5		1-B LABEL	NOVEMBER, 1966 PAGE MNEM OPERANDS AND REMARKS AM *+23.5.10	15
08976 08988 09000	OP 11 26 12	P/L 08999 02620 02620	Q 000 0 5 00000 0 2243	PG/LN 07870 07880 07890		MNEM OPERANDS AND REMARKS AM *+23,5,10 TF TEMP,1, SM TEMP,ENTLOG-5	15
08976 08988 09000 09012 09024	OP 11 26	P/L 08999 02620 02620 02620 02620	Q 000 0 5 00000	PG/LN 07870 07880 07890 07900 07910	LABEL	MNEM OPERANDS AND REMARKS AM *+23,5,10 TF TEMP,;, SM TFMP,ENTLOG-5 MM TEMP,2,10 SF 97	15
08976 08988 09000 09012	OP 11 26 12 13 32 16 21	P/L 08999 02620 02620 02620 00097 00000 09066 09066	Q 00005 00000 02243 00002 00000 02262 00098	PG/LN 07870 07880 07890 07900 07910 07920 07930 07940		MNEM OPERANDS AND REMARKS AM *+23,5,10 TF TEMP,,, TFMP,ENTLOG-5 MM TEMP,2,10	15
08976 08988 09000 09012 09024 09035 09036 09048 09060 09072	OP 11 26 12 13 32 16 21 15 49	P/L 08999 02620 02620 02620 00097 00000 09066 09066 00000 07556	Q 00005 00000 02243 00002 00000 00262 00098 00001 00000	PG/LN 07870 07880 07890 07900 07910 07920 07930 07940 07950 07960	REF	MNEM OPERANDS AND REMARKS AM	15
08976 08988 09000 09012 09024 09035 09048 09060 09072 09084 09096	OP 11 26 12 13 32 16 21 15 49 43 26	P/L 08999 02620 02620 02620 00097 00000 09066 09066 00000 07556 09262 09378	Q 00005 00000 02243 00002 00000 02262 00000 02262 00001 00000 05674 09083	PG/LN 07870 07880 07890 07990 07910 07920 07930 07940 07950 07960 07970 07980	LABEL	MNEM OPERANDS AND REMARKS AM	15
08976 08988 09000 09012 09024 09035 09036 09048 09060 09072	OP 11 26 12 13 32 16 21 15 49 43 26 49	P/L 08999 02620 02620 00097 00000 09066 09066 09060 07556 09262 09378 09128	Q 00005 00000 02243 00002 00000 02262 00098 00001 00000 05674 09083 00000	PG/LN 07870 07880 07890 07900 07910 07920 07930 07940 07950 07960 07970	REF	MNEM OPERANDS AND REMARKS AM	15
08976 08988 09000 09012 09024 09035 09036 09072 09084 09076 09108 09116 09116 09116 09128	OP 11 26 12 13 32 16 21 15 49 43 26 31 11	P/L 08999 02620 02620 02620 00097 00000 09066 09066 09066 00000 07556 09262 09378 09128	Q 00005 00000 02243 00000 00000 02262 00098 00001 00000 05674 09083 00000 09082 09375 00004	PG/LN 07870 07880 07890 07900 07910 07920 07930 07940 07950 07970 07980 07990 08000 08010 08020 08030	REF	MNEM OPERANDS AND REMARKS AM	15
08976 08988 09000 09012 09024 09035 09048 09060 09072 09084 09096 09108 09116 09128	OP 11 26 12 13 32 16 21 15 49 43 26 49 26 31	P/L 08999 02620 02620 02620 00097 00000 09066 09066 00000 07556 09262 09378 ±5036	Q 00005 00000 02243 00002 00000 02262 00098 00001 00000 05674 09083 00000 09082	PG/LN 07870 07880 07890 07910 07910 07920 07930 07940 07950 07960 07970 07980 07990 08000 08010 08020 08030 08040	REF	MNEM OPERANDS AND REMARKS AM	15
08976 08988 09000 09012 09024 09035 09036 09068 09060 09072 09084 09108 09116 09116 09126 09172 09174 09175 091778	0P 11 26 12 13 32 16 21 15 49 26 49 26 49 26 41 11 14 46 42 16	P/L 08999 02620 02620 02620 00097 00000 09066 09066 09068 09128 09378 ¥5036 09134 09134 09134 09134 09136	Q 00005 00000 02243 00000 00000 02262 00098 00001 00000 05674 09083 00000 09082 09375 00004 45136 01200 00000	PG/LN 07870 07880 07890 07900 07910 07920 07930 07940 07950 07960 07970 08000 08010 08020 08030 08040 08050 08060 08070	REF	MNEM OPERANDS AND REMARKS AM	15
08976 08988 09000 09012 09024 09035 09036 09060 09072 09084 09116 09116 09128 09140 09152 09164 09178 09178 09178	0P 11 26 12 13 32 16 21 15 49 43 26 49 26 31 11 46 42 16 49 11	P/L 08999 02620 02620 02620 02620 00097 00000 09066 09066 09062 09378 09128 15036 09134 09134 09134 09138 00000 00565 00532	Q 00005 00000 02243 00002 00000 02262 00098 00001 00001 00000 05674 09083 00000 09083 00000 09084 45136 01200 00000 09201 69269 00001	PG/LN 07870 07880 07890 07990 07910 07920 07930 07940 07950 07960 07970 08000 08010 08020 08030 08040 08050 08060 08070 08080	REF	MNEM OPERANDS AND REMARKS AM	15
08976 08988 09000 09012 09024 09035 09036 09048 09072 09116 09128 09146 09152 09164 09178 09178 09178 09178 09199 09202	OP 1126 123 32 161 155 49 263 111 146 42 169 111 49 111 49 34 38	P/L 08 999 02620 02620 02620 00097 00000 09066 00000 07556 09262 09378 09128 09378 ±5036 09134 09178 00000 00565 00532 02390 00000 15036	Q 00005 00000 02243 00002 00000 02262 00098 00001 00000 05674 09083 00000 09082 09375 00004 45136 01200 00000	PG/LN 07870 07880 07890 07990 07910 07920 07930 07940 07970 07980 07970 08010 08020 08030 08040 08050 08060	REF	MNEM OPERANDS AND REMARKS AM	15
08976 08988 09000 09012 09024 09035 09036 09048 09060 09116 09116 09116 09152 09184 09178 09178 09178 09178 09179	OP 1126 123 32 1621 155 449 2649 2631 111 446 42 1649 111 449	P/L 08 999 02620 02620 02620 02620 09066 09066 09006 09128 09378 09128 09378 45036 09134 09134 09134 09178 00000	Q 00005 00000 02243 00002 00000 02262 00098 00001 00000 05674 09083 00000 09082 09375 00004 +5136 01200 00000 09000 09000 00000	PG/LN O7870 O7870 O7880 O7890 O7990 O7990 O7990 O7990 O7990 O7990 O8000 O8010 O8020 O8030 O8040 O8070 O8080 O8090 O8100 O8100 O8100 O8100 O8100 O8100 O8031 O8041	REF	MNEM OPERANDS AND REMARKS AM	15
08976 08988 09000 09012 09024 09035 09036 09072 09084 09108 09116 09118 09116 09128 09152 09164 09178 09178 09178 09178 09178 09178 09178 09178	OP 1126 1123 32 1621 159 443 2649 2631 11446 449 348 348 316	P/L 08999 02620 02620 02620 02620 09066 09066 09066 090262 09378 09128 09378 45036 09134 09178 00000 005652 02390 09250 015036	Q 00005 00000 02243 00002 00000 02262 00098 00001 00001 05674 09083 00000 09082 09375 00004 ±5136 01200 00000 09201 99201 99269 00001 00200 00102 00102 00102	PG/LN O7870 O7870 O7880 O7890 O7910 O7920 O7930 O7940 O7950 O7960 O7970 O8000 O8010 O8020 O8030 O8040 O8070 O8080 O8070 O8080 O8070 O8080 O8070 O8080 O8070 O8100 O8100 O8110 O8120 O8130 O8140 O8150 O8160 O8150 O8160 O8160 O8160 O8170 O8160 O8160 O8160 O8170 O8160 O8170 O8160	REF PUT F94270	MNEM OPERANDS AND REMARKS AM	15
08976 08988 09000 09012 09024 09035 09036 09072 09084 09096 09108 09116 09116 09117 09177 09178 09178 09178 09178 09178 09178 09178 09178 09178	OP 1126 1123 32 1621 159 443 2649 2631 11446 449 348 348 316	P/L 08999 02620 02620 02620 02620 09066 09006 09006 09134 09134 09138 09000 00552 02590 09250 00000 09261	Q 00005 00000 02243 00002 00000 02262 00098 00001 00000 05674 09083 00000 09083 00000 09082 09375 00004 #5136 01200 00000 09201 09201 09200 00102 00102 00102 00102	PG/LN 07870 07880 07890 07990 07910 07920 07930 07940 07970 07980 07970 08000 08010 08020 08030 08040 08050 08060 08070 08080 08090 08100 08100 081100 08120 08130	REF PUT E94270 EXIT INTOP	MNEM OPERANDS AND REMARKS AM	15
08976 08988 09000 09012 09024 09036 09048 09060 09116 09116 09118 09118 09118 09189 09190 09192 09218 0928 09290 09292 0928	OP 1126 122 133 3 16 115 443 26 49 26 111 1446 42 16 49 114 49 34 49 49 149 49 49 49 49 49 49 49 49 49 49 49 49 4	P/L 08999 02620 02620 02620 02620 02620 09066 09066 09006 09134 09134 09138 09000 00565 00532 02920 09250 00000 00503	Q 00005 00000 02243 00002 00000 02262 00098 00001 00000 05674 09083 00000 09083 00000 09082 09375 00004 +5136 01200 00000 00000 00000 00000 00102 00102 00102 00100 00102 00100 00000	PG/LN O7870 O7880 O7890 O7990 O7910 O7920 O7930 O7940 O7950 O7960 O7970 O8000 O8010 O8020 O8030 O8040 O8070 O8080 O8070 O8080 O8070 O8080 O8070 O8100 O8100 O8100 O8110 O8120 O8130 O8140 O8150 O8160 O8170 O8180 O8190	REF PUT E94270 EXIT INTOP	MNEM OPERANDS AND REMARKS AM	15
08976 08988 09000 09012 09024 09036 09073 09084 09096 09118 09118 09118 09118 09178	OP 112612132 1621514932649 26311114462 4943481642 163164914	P/L 08 999 02620 02620 02620 02620 09066 09066 09006 09134 09134 09138 09138 09138 09138 09138 09138 09139 09262 00390 00565 00000 00005 00005 00005	Q 00005 00000 02243 00002 00000 02262 00098 00001 00000 05674 09083 00000 09082 09375 00004 ‡5136 01200 00000 09201 99201 99201 99269 00001 00200 00100 15036 00000	PG/LN O7870 O7880 O7890 O7910 O7920 O7910 O7920 O7940 O7950 O7960 O7970 O8000 O8010 O8020 O8030 O8040 O8070 O8080 O8070 O8110 O8120 O8130 O8140 O8150 O8160 O8170 O8180 O8200 O8200 O8200 O8200 O8220	REF PUT E94270 EXIT INTOP	MNEM OPERANDS AND REMARKS AM	15
08976 08988 09000 09012 09024 09036 09048 09060 09072 09084 09168 09116 09116 09178 09178 09178 09179 09202 09214 09226 09269 09269 09275 09275 09276 09276 09276	OP 11612132 1612132 1614943 161444 16149 163149	P/L 08 999 02620 02620 02620 02620 09066 09066 09066 09134 09134 09178 00000 00565 00566 09002 009000 15036 09134 02430	Q 00005 00000 02243 00002 00000 02262 00000 02262 00000 005674 09083 00000 09082 09375 00004 45136 01200 00000 09001 09201 09201 09209 00102 00100 00102 00100 00102 00100 00000	PG/LN O7870 O7880 O7890 O7910 O7920 O7930 O7940 O7970 O7980 O7970 O8000 O8010 O8020 O8040 O8110 O8120 O8120 O8140 O8150 O8160 O8160 O8170 O8180 O8170 O8180 O8190 O8180 O8	REF PUT E94270 EXIT INTOP	MNEM OPERANDS AND REMARKS AM	15
08976 08988 09000 09012 09024 09036 09048 09060 09116 09116 09128 09141 09178 09190 09178 09190 09178 09190 09202 09214 09226 0928 09269 09275 09276 09278 09290 09314 09326 09338 09350 09362 09378	OP 112612132 162154932649 2631114462 1691494348162 1643649 14443	P/L 08 999 02620 02620 02620 02620 02620 09066 09006 09006 09002 09378 09128 09378 45036 09134 09134 09134 09134 09138 09000 00565 00532 02390 09250 00000 15036 09134 02430	Q 00005 00000 02243 00002 00000 02242 00098 00001 00000 05674 09083 00000 09082 09375 00004 +5136 01200 00102 00102 00102 00102 00102 00102 00102 00102 00102 00102 00102 00102 00103 00000 02385	PG/LN O7870 O7880 O7890 O7910 O7920 O7930 O7940 O7970 O7980 O7970 O8000 O8010 O8020 O8010 O8100 O8110 O8120 O8130 O8140 O8150 O8160 O8170 O8180 O8190 O8100 O8	REF PUT E94270 EXIT INTOP	MNEM OPERANDS AND REMARKS AM	15
08976 08988 09000 09012 09024 09036 09048 09060 09072 09084 09160 09116 09118 09140 09178 09178 09178 09178 09178 09178 09178 09178 09178 09202 09214 09226 09275 09275 09277 09278 09302 09314 09326 09338 09379 09388	OP 1161232 1612132 161215493 261111462 1691114338642 1631694443317 15	P/L 08 999 02620 02620 02620 02620 09066 09066 09066 09134 09134 09178 00000 00565 00566 09037 00905 00565 00565 00565 00565 00565 00565 00565 00565 00565	Q 00005 00000 02243 00002 00000 02242 00098 00001 00000 05674 09083 00000 09082 09375 00004 ±5136 01200 00000 09102 00102 00102 00102 00100 00202 00102 00100 00242 00325 000043 01200 0043 01200 0043 01200 0043 01200 0041	PG/LN O7870 O7880 O7880 O7990 O7910 O7920 O7930 O7940 O7970 O7980 O7970 O8000 O8010 O8020 O8030 O8100 O81000	LABEL REF PUT E94270 EXIT INTOP SPERR SPGS PUTOUT	MNEM OPERANDS AND REMARKS AM	
08976 08988 09000 09012 09024 09036 09048 09060 09072 09084 09108 09116 09118 09140 09178 09178 09178 09178 09178 09178 09202 09204 09202 09205 09205 09205 09205 09206 09238 09209	OP 1161332 1611332 16113493269 261114462 16934864 114934864 1631494 164317	P/L 08 999 02 620 02 620 02 620 02 620 09 02620 09 09 06 09 006 09 006 09 09 09 09 09 09 09 09 09 09 09 09 09 0	Q 00005 00000 02243 00002 00000 02242 00098 00001 00000 05674 09083 00000 09082 09375 00004 45136 01200 00000 09102 00102 00102 00102 00100 002424 09325 00000 02424 09325 00001 00043 01200 01200 0102424 09325 00071	PG/LN O7870 O7880 O7890 O7900 O7910 O7920 O7930 O7940 O7970 O7980 O7970 O8000 O8010 O8020 O8030 O8100 O8	LABEL REF PUT F94270 EXIT INTOP SPERR SPGS PUTOUT ERROR	MNEM OPERANDS AND REMARKS AM	
08976 08988 09000 09012 09024 09036 09048 09060 09116 09118 09118 09118 0918 0918 0918 0918 0	OP 11621232 1611322 1611443269 2311114462 16348649 1446417 155 1649	P/L 08 999 02620 02620 02620 02620 02620 02620 02620 02620 02620 02620 02620 02620 02620 02620 03758 09128 09378 \$\frac{1}{5}036 09134 09134 09178 00000 00565 00565 00566 09134 02430 00005 000066 09384 00005 000066 09384 00005 000066 09384 00005 0000660 09384 00005 0000660 09384 00005 00006060 000060	Q 00005 00000 02243 00002 00000 02262 00098 00001 00000 05674 09083 00000 09082 09375 00004 ±5136 01200 00000 02201 00202 00100 00100 00202 00100 00202 0020	PG/LN O7870 O7880 O7890 O7910 O7920 O7930 O7940 O7950 O7960 O7970 O8000 O8010 O8020 O8030 O8040 O8110 O8120 O8130 O8140 O8150 O8160 O8170 O8180 O8190 O8200 O8	LABEL REF PUT E94270 EXIT INTOP SPERR SPGS PUTOUT ERROR * CALL E94620	MNEM OPERANDS AND REMARKS AM	15
08976 08988 09000 09012 09024 09036 09048 09060 09116 09128 09116 09128 09177 09178 09190 09214 09226 09238 09260 09277 09278 09278 09278 09278 09278 09279 09383 09362 09383 09362 09383 09362 09383 09379 09383 09362 09379	OP 1161232 161132 1621549369 26111462 1694933862 1636944637 1636949515	P/L 08 999 02620 02620 02620 02620 02620 09066 09066 09006 09000 07556 09128 09378 09128 09378 09178 00000 00565 00565 00565 00001 09362 09390 09250 09390 09250 09390 09250 09390 09250 09390 09250 09390 09362 09390 09362 093665 093665 093665 093665 0936665 093666 15839 09362 093667 09429	Q 00005 00000 02243 00002 00000 02262 00098 00001 00000 05674 09083 00000 09082 09375 00004 ±5136 01200 00000 09102 00102 00102 00102 00102 00102 00102 00103 00000 002424 09325 00004 15849 00071 00001 00000 00001 00000 00001 00000 00000 00000 00000 000000	PG/LN O7870 O7880 O7890 O7910 O7920 O7930 O7940 O7970 O7980 O7970 O7980 O8000 O8010 O8020 O8030 O8100 O8100 O8100 O81100 O	LABEL REF PUT E94270 EXIT INTOP SPERR SPGS PUTOUT ERROR * CALL	MNEM OPERANDS AND REMARKS AM	
08976 08988 09000 09012 09024 09035 09036 09048 09060 09072 0916 09116 09178 09178 09178 09178 09202 09269 09269 09269 09269 09269 09275 09276 09278 09290 09302 09314 09326 09369 09369 09378 09379 09379 09378 09379 09378	OP 11621332 1611	P/L 08 999 02620 02620 02620 02620 02620 02620 02620 02620 02620 02620 02620 02620 02620 02620 02620 029378 09128 ±5036 09134 09134 09178 00000 00565 00134 09134 09178 00000 00565 00532 02390 00000 15036 09134 02430 00002 00565 15839 009250 00001 009373 09362 009384 000566 15839 009369 009369 009369 009369 009369 009369 009369 009369 009369 009369 009369 009369 009369 009369 009369 009369 009429	Q 00005 00000 02243 00002 00000 02262 00000 02262 00000 00001 00000 09082 09375 00004 45136 01200 00000 00102 00102 00100 00102 00100 00102 00100 00102 00100 00102 00100 00102 00100 00102 00100 00102 00100 00102 00100 00102 00100 00102 00100 00102 00100 00102 00100 00102 00100 00102 00100 00000	PG/LN O7870 O7880 O7890 O7900 O7910 O7920 O7930 O7940 O7970 O7980 O7970 O8000 O8010 O8020 O8030 O8040 O8100 O81100 O8120 O8180 O8190 O8100 O8200 O8200 O8200 O8200 O8200 O8200 O8200 O8300 O8300 O83400 O83300 O83400 O83800 O83800 O83800 O83800 O83800 O83800 O83800	LABEL REF PUT E94270 EXIT INTOP SPERR SPGS PUTOUT ERROR * CALL E94620	MNEM OPERANDS AND REMARKS AM	15
08976 08988 09000 09012 09024 09036 09036 09048 09060 09072 09084 09198 09116 09116 09178 09178 09178 09178 09178 09178 09202 09214 09226 09269 09269 09269 09269 09269 09269 09269 09275 09276 09278 09302 09302 09308 09379 09308 09379 09388 09379	OP 11621332 161134434269 231114462 149348162 163649446437 155 6999156	P/L 08 999 02620 02620 02620 02620 02620 02620 02620 02620 02620 02620 02620 02620 02620 02620 029378 09128 09128 09128 09128 09128 09128 09128 00128	Q 00005 00000 02243 00002 00000 02262 00008 00001 00000 09082 09375 00004 45136 01200 00000 09102 00100 45036 00000 00102 00102 00100 45036 00000 00102 00100 15036 00000 00102 00100 00102 00100 00102 00100 00102 00100 00102 00100 00102 00100 00102 00100	PG/LN OT870 OT870 OT880 OT9900 OT910 OT9200 OT930 OT9400 OT9750 OT960 OT9700 OR020 OR030 OR040 OR050 OR060 OR070 OR080 OR08	LABEL REF PUT E94270 EXIT INTOP SPERR SPGS PUTOUT ERROR * CALL E94620 ERROR2	MNEM OPERANDS AND REMARKS AM	15

****	1	.620 FOR	TRAN II-D	PHASE	1-8		•	•	NOVEMBER,	1966	PAGE	16
LOCTN	OP	P/L	Q	PG/LN	LABEL	MNEM	OPERANDS AND R	EMARKS				
09496		00000		08440	COMER2		,COMER					
09508	14	15145	00063	08442 08443	ENDTR	CM		••••CHECK FOR E		*****	*****	
09520 09532	47 17	09576 09084	01200 0 0 153	08444 08445		BNE	END+12 PUT,153,8	PUT END TRA	CE SYMBOL			
09544 09556	17 49	09084	09140	08446 08448	CND	BTM B7	PUT,140,8 L1-24,,,					
09564 09576	45 43	09508 09596	15145 02293	08450 08453	END	BNR BD	ENDTR,CH1+6 *+20,SUBFCT					
09588 09596	49	09620	00000	08457 08460 08470	*	В	*+32 *-3	· · · · · · · · · · · · · · · · · · ·		• • • • • • • • • • • • • • • • • • • •	• • • • • •	
09596 09608	43 17	09620 09440	05673 00 5 78	08480 08490		BD BTM	*+24,RTSW ERROR2,578,9					
09620 09632	46 43	09632 00796	01400 05674	08500 08510		BV BD	*+12 MONCAL ,ERSW	SKIP STOR	AGE ALLOCATIO	N IF PROG	HAD ERR	
09644 09656	17 17	09084 09084	0 0 141 0 0 140	08520 08530		BTM BTM	PUT, 141,8					
09668 09680	17 14	09084 09134	0 0 13 2 15036	08540 08550		BTM CM	PUT,0132,811, E94270+6,CARD	SEMI COLO	N			
09692 09704	. 46 15	02430 09263	01200 00009	08560 08570		BE TDM	EXIT+1,9	IT TO STORAGE A	LLOCATION			
09716 09724	49	09178	00000	08580 08590			E94270+50 *-3					
09724 09730		00002 00005	0 9732	08600 08610	BLK1	DSC DSA	2,22 BLK1A					
09731 09732		00001 00001		08620 08630	BLK1A		1,0					
09737 09740		00005 00003		08635 08640 08650	*****	DC	************ 5,17550	*******	******	*****	****	
09745		00005	1 0200	08655 08660	*	DC DSA	3,046 IOUT	• • • • • • • • • • • • • • • • • • • •	• • • • • • • • • • • • • • • • • • • •	• • • • • • • • • • • • • • • • • • • •		
09746 09747		00001	10200	08670 08680	BLK2	DC DSC	1,0					
09753 09754		00005	0 9755	08690 08700		DSA DC	BLK2A 1,a					
09755 09760		00001 00005		08710 08720	BLK2A		1,0 5,17400					
09763 09768		00003 00005	1 0200	08730 08740		DC DSA	3,046 IOUT					
09769 09770		00001		08750 08760	BLK3	DC DSC	1, a 2,22					
09776 09777		00005	0 9778	08770 08780		DSA DC	1,a					
09778 09783 09786		00001 00005 00003		08790 08800	BLK3A	DSC DC	1,0 5,17450					
09791 09792		00005	1 0200	08810 08820 08830		DC DSA	3,046 IOUT					
09793		00002	0 9801	08840 08850	BLK4	DC DSC DSA	1,0 2,22 BLK4A					
09800 09801		00001	0,001	08860 08870	BLK4A	DC DSC	1,0					
09806 09809		00005 00003		08880 08890		DC DC	5,17500 3,046					
09814		00005	1 0200	08900		DSA	IOUT					46
***** LOCTN		620 FOR	TRAN II-D	PHASE PG/LN	1-B LABEL	MNEM	OPERANDS AND RE	EMARKS	NOVEMBER,	1966	PAGE	17
				PG/LN 08910 08920		MNEM DC DSC	OPERANDS AND RE	EMARKS	NOVEMBER,	1966	PAGE	17
LOCTN 09815 09816 09822 09823		P/L 00001 00002 00005 00001		PG/LN 08910 08920 08930 08940	LABEL BLK5	DC DSC DSA DC	1,a 2,22 BLK5A 1,a	EMARKS	NOVEMBER,	1966	PAGE	17
LOCTN 09815 09816 09822 09823 09824 09829		P/L 00001 00002 00005 00001 00001	Q	PG/LN 08910 08920 08930 08940 08950 08960	LABEL	DC DSC DSA DC DSC DSC	1,0 2,22 BLK5A 1,0 1,0 5,17650	EMARKS	NOVEMBER,	1966	PAGE	17
09815 09816 09822 09823 09824 09829 09832 09837		P/L 00001 00002 00005 00001 00001 00005 00003	Q	PG/LN 08910 08920 08930 08940 08950 08960 08970 08980	LABEL BLK5	DC DSC DSA DC DSC DC DC DC	1, a 2,22 BLK5A 1,a 1,0 5,17650 3,046 IOUT	EMARKS	NOVEMBER,	1966	PAGE	17
LOCTN 09815 09816 09822 09823 09824 09829 09832 09837		P/L 00001 00002 00005 00001 00005 00003 00005 00001	0 0 9824 ±0200	PG/LN 08910 08920 08930 08940 08950 08960 08970 08980 08990	LABEL BLK5	DC DSC DSA DC DSC DC DC DC DC DSA DC	1, a 2,22 8LK5A 1,a 1,0 5,17650 3,046 IOUT 1,a 2,22	-MARKS	NOVEMBER,	1966	PAGE	17
UCTN 09815 09816 09822 09823 09824 09829 09832 09837 09838		P/L 00001 00002 00005 00001 00005 00003 00005 00001	0 0 9824	PG/LN 08910 08920 08930 08940 08950 08960 08970 08980 08990	LABEL BLK5 BLK5A BLK6	DC DSC DSA DC DSC DC DC DC DSA DC DSC DSC	1, a 2,22 BLK5A 1,0 1,0 3,046 IOUT 1,a 2,22 BLK6A 1,a					17
LOCTN 09815 09816 09822 09823 09829 09832 09837 09838 09839 09846 09847		P/L 00001 00002 00005 00001 00001 00005 00003 00005 00001 00001 00001	0 0 9824 ±0200	PG/LN 08910 08920 08930 08940 08950 08960 08970 08980 09000 09010 09020 09030 09035	LABEL BLK5 BLK5A BLK6	DC DSC DSC DC DC DC DC DC DSC DC DSC DSC	1, a 2,22 8LK5A 1,a 1,0 5,17650 3,046 IOUT 1,a 2,22 8LK6A 1,0 ***********************************					17
09815 09816 09812 09823 09824 09839 09835 09836 09839 09846 09847		P/L 00001 00002 00005 00001 00003 00005 00001 00002 00005 00001 00001	0 69824 ±0200	PG/LN 08910 08920 08930 08950 08950 08960 08970 08960 09010 09020 09030 09035 09040 09055	LABEL BLK5 BLK5A BLK6	DC DSC DSC DSC DC DC DC DSC DSC DSC DSC	1,0 2,22 8LK5A 1,0 1,0 5,17650 3,046 10UT 1,0 2,22 8LK6A 1,0 1,0 1,0 3,043					17
LOCTN 09815 09816 09822 09823 09824 09829 09837 09839 09846 09847 09852 09852 09861		P/L 00001 00002 00005 00001 00005 00001 00005 00001 00002 00005 00001 00005 00001	0 0 9824 ±0200	PG/LN 08910 08920 08930 08940 08950 08960 09010 09000 09010 09020 09030 09030 09040 09055 09060 09070	BLK5 BLK5A BLK6A ******	DC DSC DSC DC DC DC DC DSA DC DSC DSC DSC DSC DSC DSC DSC DSC DSC	1,0 2,22 BLK5A 1,0 1,0 5,17650 3,046 IOUT 1,0 2,22 BLK6A 1,0 1,0 3,043 IOUT 1,0					17
LOCTN 09815 09816 09822 09823 09824 09829 09837 09836 09846 09847		P/L 00001 00002 00005 00001 00003 00005 00001 00005 00001 00005 00001 00005 00001 00005 00001 00002 00005	0 69824 ±0200	PG/LN 08910 08920 08930 08950 08960 08970 08980 09010 09010 09010 09010 09010 09010 09010 09010 09010 09010 09010 09010	LABEL BLK5 BLK5A BLK6	DC DSC DC DS A DC DS C DS A DC DS C DS A DC DS C DS	1, a 2,22 BLK5A 1,0 1,0 5,17650 3,046 IOUT 1,a 2,22 BLK6A 1,a 1,0 3,043 3,043 IOUT 1,a 2,22					17
LOCTN 09815 09816 09822 09823 09824 09829 09837 09838 09839 09845 09846 09855 09860 09861 09861		P/L 00001 00002 00005 00001 00001 00001 00001 00001 00001 00002 00005 00001 00001	0 69824 ±0200 69847	PG/LN 08910 08920 08930 08950 08960 08970 08980 09000 09010 09010 09010 09010 09010 09010 09010 09010	BLK5 BLK5A BLK6A ******	DC DSC DC DSA DC DSC DSC DC DC DS A DC DSC DSC DSC DSC DSC DSC DSC DSC DSC	1, a 2,22 BLK5A 1,0 1,0 3,046 1,0 1,2 2,22 BLK6A 1,0 ************************************					17
LOCTN 09815 09816 09822 09823 09824 09829 09837 09838 09839 09846 09847 09852 09855 09860 09861 09868 09869		P/L 00001 00002 00005 00001 00005 00001 00005 00001 00005 00001 00005 00001 00005	0 69824 ±0200 69847	PG/LN 08910 08920 08930 08940 08950 08960 08970 08980 09010 09010 09020 09030 09035 09040 09070 09080 09070 09100 09120 09120	LABEL BLK5 BLK5A BLK66 BLK6A ******** ***************************	DC DSC DC DSC DSC DSC DSC DSC DSC DSC DS	1, a 2,22 BLK5A 1,a 1,0 5,17650 3,0466 IOUT 1,a 2,22 BLK6A 1,a 1,0 ************************************					17
LOCTN 09815 09816 09822 09823 09829 09837 09838 09846 09845 09845 09855 09860 09861 09862 09875 09878 09878 09878		P/L 00001 00002 00005 00001 00005 00001 00005 00001 00005 00001 00005 00001 00005 00001 00005 00001 00005 00001 00005	0 e9824 ±0200 e9847 ±0200	PG/LN 08910 08920 08930 08940 08950 08960 08970 09000 09010 09020 09030 09055 09060 09070 09080 09090 09100 09110 09120	LABEL BLK5 BLK5A BLK66 BLK6A ******** ***************************	DC DSC DSA DC DSC DC DSC DC DSA DC DSC DSA DC DSA DC DSA DC DSA DC DSA DC DSC DSC DSC DSC DSC DSC DSC DSC DSC	1, a 2,22 BLK5A 1, a 1,0 5,17650 3,046 IOUT 1,a 2,22 BLK6A 1,0 1,0 3,043 IOUT 1,a 2,22 BLK7A 1,a 1,0 5,17600 3,043					17
LOCTN 09815 09816 09822 09823 09824 09829 09832 09837 09838 09839 09845 09846 09847 09852 09868 09869 09878 09889		P/L 00001 00002 00005 00001 00005 00001 00005 00001 00005 00001 00005 00001 00005 00001 00005 00001 00005 00001 00005 00001 00005 00001 00005	0 69824 ±0200 69847 ±0200 69870	PG/LN 08910 08920 08930 08940 08950 08960 08970 09000 09010 09020 09035 09040 09055 09060 09070 09180 09190 09120 09130 09140 09150 09140 09150	LABEL BLK5 BLK5A BLK66 BLK6A ******* * BLK7	DC DSC DSA DC DSA DC DSC DSA DC DSC DSC DSC DSC DSC DSC DSC DSC DSC	1, a 2,22 BLK5A 1,a 1,0 3,046 IOUT 1,a 2,22 BLK6A 1,a 1,0 ************************************					17
LOCTN 09815 09816 09822 09823 09824 09829 09837 09836 09846 09847 09855 09860 09861 09862 09870 098884 098897 09897		P/L 00001 00002 00005 00001 00005 00001 00005 00001 00005 00001 00005 00001 00005 00001 00005 00001 00005 00001 00005 00001 00005 00001 00005	0 69824 ±0200 69847 ±0200 69870 62430 ±5139	PG/LN 08910 08920 08930 08940 08950 08960 08970 08980 09010 09010 09020 09035 09040 09050 09070 09080 09090 09100 09120 09120 09120 09130 09130 09140 09150 09160 09170	LABEL BLK5 BLK5A BLK6A ************************************	DC DSC DS A DC DC DS A DC DS A DC DC DC DS A DC DC DC DS A DC	1, a 2,22 BLK5A 1,0 1,0 3,046 IOUT 1,a 2,22 BLK6A 1,0 5,17600 3,043 IOUT 1,a 1,0 5,17600 3,043 IOUT 1,a 1,0 5,17600 1,0 1,0 1,0 1,0 1,0 1,0 1,0 1					17
LOCTN 09815 09816 09822 09823 09824 09829 09837 09845 09846 09847 09855 09860 09860 09870 09878 09889 098970 09908	ОР	P/L 00001 00002 00005 00001 00001 00005 00003 00005 00001 00005 00001 00005 00001 00005 00001 00005 00001 00005 00001 00005 00001 00005 00001 00005 00001	0 69824 ±0200 69847 ±0200 69870 62430 ±5139 ±5139 ±5839 ±5040	PG/LN 08910 08920 08930 08940 08950 08960 08970 09000 09010 09020 09030 09035 09040 09055 09060 09070 09110 09120 09130 09140 09150 09160 09170 09180 09190 09200 09210	LABEL BLK5 BLK5A BLK6A ************************************	DC DSC DSC DC DSC DSC DSC DSC DSC DSC DS	1, a 2,22 BLK5A 1,0 1,0 3,046 1,0 1,2 2,22 BLK6A 1,0 3,043 IOUT 1,3 1,0 3,043 IOUT 1,3 1,0 3,043 IOUT 1,3 1,0 3,043 IOUT 1,3 1,0 1,0 1,0 1,0 1,0 1,0 1,0 1,0					17
LOCTN 09815 09816 09822 09823 09824 09829 09837 09839 09845 09861 09862 09868 09869 09870 09870 09870 09870 09897 09905	OP	P/L 00001 00002 00005 00001 00005 00001 00005 00001 00005 00001 00005 00001 00005 00001 00005 00001 00005 00001 00005 00001 00005 00001 00005	0 69824 10200 69847 10200 69870 62430 15139 15139 15839 15040 00005 00000	PG/LN 08910 08920 08930 08940 08950 08960 08970 09000 09010 09020 09030 09055 09060 09070 09120 09130 09140 09150 09160 09170 09180 09170 09180 09190 09200 09200 09210	BLK5A BLK6A ******** ******** BLK7 BLK7A URDATA CODATA	DC DSC DSC DC DSA DC DSC DC DSC DC DSC DC DSA DC DSC DSC DSC DSC DSC DSC DSC DSC DSC	1, a 2,22 BLK5A 1,0 1,0 5,17650 3,046 IOUT 1,a 2,22 BLK6A 1,a 1,0 3,043 IOUT 1,a 2,22 BLK7A 1,a 1,0 5,17600 3,043 IOUT 1,a 2,22 BLK7A 1,a 1,0 5,17700 3,043 IOUT 1,a 2,22 BLK7A 1,a 1,0 5,17700 3,043 IOUT 1,a 2,22 BLK7A 1,a 1,0 5,17600 3,043 IOUT 1,a 2,22 BLK7A 1,a 1,0 5,17600 3,043 IOUT 1,a 2,22 BLK7A 1,a 1,0 5,17600 3,043 IOUT 1,0 5,17600 3,043 IOUT 1,0 5,17600 3,043 IOUT 1,0 5,17600 3,043 IOUT 1,0 5,17600 3,043 IOUT 1,0 5,17600 3,100 E86440 1,0 1,0 CHI 3,100 CHI 3,					17
LOCTN 09815 09816 09822 09823 09824 09829 09832 09837 09836 09846 09847 09855 09860 09861 09862 09868 09875 09875 09878 09889 09897 09900 09900 09908 09900 09908 09908 09908 09908 09908 09908 09908 09908 09908 09908 09908 09908 09908 09908 09908 09908 09908 09908 09908 09909	OP	P/L 00001 00002 00005 00001 00005 00001 00005 00001 00005 00001 00005 00001 00005 00001 00005 00001 00005 00001 00005 00001 00005 00001 00005 00001 00005 00001 00005 00001	0 69824 ±0200 69847 ±0200 69870 62430 ±5139 ±5139 ±5839 ±5040 000065	PG/LN 08910 08920 08930 08960 08960 08970 09000 09010 09010 09010 09010 09110 09120 09130 09140 09150	BLK5A BLK6A ******** ******** BLK7 BLK7A URDATA CODATA	DC DSC DSC DC	1, a 2,22 BLK5A 1,0 1,0 3,046 IOUT 1,a 2,22 BLK6A 1,0 ************************************					17
LOCTN 09815 09816 09822 09823 09824 09829 09837 09845 09846 09847 09855 09860 09860 09870 09870 09878 09884 09889 098970 09905 09908 09910 09922 09934	16 12 26 11 24	P/L 00001 00002 00005 00001 00005 00001 00005 00001 00005 00001 00005 00001 00005 00001 00005 00001 00005 00001 00005 00001 00005 00001 00005 00001 00005 00001 00005 00001 00005 00001 00005 00001 00005 00001 00005 00003	0 69824 ±0200 69847 ±0200 69870 62430 ±5139 ±5139 ±5139 ±5040 00065 00000 00062 04431	PG/LN 08910 08920 08930 08940 08950 08960 08970 08980 09000 09010 09020 09035 09040 09100 09110 09120 09120 09120 09120 09120 09120 09120 09120 09120 09200 09200 09200 09200 09200 09210 09200 09200 09210 09220 09230	BLK5A BLK6A ******** ******** BLK7 BLK7A URDATA CODATA	DC DSC DSC DC	1, a 2,22 BLK5A 1,0 1,0 3,046 IOUT 1,a 2,22 BLK6A 1,0 ************************************					17
LOCTN 09815 09816 09822 09823 09824 09829 09837 09838 09846 09847 09852 09868 09869 09870 09870 09878 09889 09897 09908 09909	16 12 26 11 24 46 16	P/L 00001 00002 00005 00001 00005 00003 00005 00003 00005 00003 00005 00003 00005 00003 00005 00003 00005 00003 00005 00003 00005 00003 00005 00003 00005 00003	0 69824 ±0200 69847 ±0200 69870 62430 ±5139 ±5139 ±5139 ±5139 ±5040 000005 000000 000002 04431 01100 ±5040 00000	PG/LN 08910 08920 08930 08940 08950 08960 09010 09010 09010 09010 09100 09110 09120 09130 09150	LABEL BLK5 BLK5A BLK6A ******* ****** ******* ******* ****** ****	DC DSC DSC DSC DC	1, a 2,22 BLK5A 1,0 1,0 3,046 1,0 1,2 2,22 BLK6A 1,0 3,043 IOUT 1,a 2,22 BLK7A 1,0 3,043 IOUT 1,a 1,0 3,043 IOUT 1,a 2,22 BLK7A 1,0 3,100 E86440 1,0 CHI 3,100 CHI 5,100 CHI	*******				17
LOCTN 09815 09816 09822 09823 09824 09829 09837 09838 09846 09847 09852 09868 09869 09875 09868 09897 09878 09898 09909 09905 09908 09910 09922 09934 09911 00031 100031	16 12 26 11 24 46 16	P/L 00001 00002 00005 00001 00001 00005 00001 00005 00001 00005 00001 00005 00001 00005 00001 00005 00001 00005 00001 00005 00001 00005 00001 00005 00001 00005 00001 00005 00001 00005 00001 00005 00001 00005 00001 00005 00003 00005 00003 00005 00003 00005 00003 00005 00003 00005 00003 00005 00003 00005 00003 00005 00003 00005 00003 00005 00003	0 69824 ±0200 69847 ±0200 69870 62430 ±5139 ±5139 ±5139 ±5040 00005 00000 00002 04431 01100 ±5040 00000 X2	PG/LN 08910 08920 08930 08940 08950 08960 09910 09020 09030 09015 09040 09110 09120 09130 09110 09120 09130 09150	BLK5 BLK5A BLK6A ******* ***** ***** BLK7 BLK7A URDATA CDDATA C5DATA MODAFT	DC DSC DSC DC DSC DSC DSC DSC DSC DSC DS	1, a 2,22 BLK5A 1,0 1,0 5,17650 3,046 IOUT 1,a 2,22 BLK6A 1,0 ************************************	*******				17
LOCTN 09815 09816 09822 09823 09837 09838 09839 09845 09846 09869 09875 09868 09869 09870 09875 09970 09987	16 12 26 11 24 46 16	P/L 00001 00002 00005 00001 00005 00001 00005 00001 00005 00001 00005 00001 00005 00001 00005 00001 00005 00001 00005 00001 00005 00001 00005 00001 00005 00001 00005 00001 00005 00001 00005 00001 00005 00001 00005 00001 00005 00001 00005 00001 00005 00003 00005 00001 00005 00003 00005 00003 00005 00003 00005 00003 00005 00003 00005 00003 00005 00003 00045 00003 00040	0 69824 ±0200 69847 ±0200 69870 62430 ±5139 ±5139 ±5139 ±5040 00005 00000 00002 04431 01100 ±5040 00000 X2	PG/LN 08910 08920 08930 08940 08950 08960 08960 09010 09010 09010 09010 09010 09110 09120 09130 09140 09150 09150 09160 09170 09180 09170 09180 09190	LABEL BLK5 BLK5A BLK6A ******* ***** BLK7 BLK7A URDATA CDDATA CDDATA C5DATA MODAFT	DC DSC DSC DC DSC DSC DSC DSC DSC DSC DS	1, a 2,22 BLK5A 1,a 1,0 5,17650 3,046 IOUT 1,a 2,22 BLK6A 1,a 1,0 ***********************************	*******				17
LOCTN 09815 09816 09822 09823 09829 09832 09837 09838 09846 09847 09852 09855 09860 09861 09862 09869 09876 09875 09878 09879 09900 09902 09908 09910 09902 09934 09908 09910 09908 09910 10003 10003 10003 10003 10003	16 12 26 11 24 46 16	P/L 00001 00002 00005 00001 00001 00001 00001 00001	0 69824 ±0200 69847 ±0200 69870 62430 ±5139 ±5139 ±5139 ±5040 00005 00000 00002 04431 01100 ±5040 00000 X2	PG/LN 08910 08920 08930 08940 08950 08960 09900 09010 09010 09035 09040 09055 09055 09056 09100 09110 09120 09130 09140 09120 09130 09140 09150 09160 09170 09180 09190 09200 09210 09210 09200 09300 09310 09200 09210 09220 09300 09310 09250 09260 09270 09280 09290 09310 09310 09310	LABEL BLK5 BLK5A BLK6A ******* ***** BLK7 BLK7A URDATA CDDATA CDDATA C5DATA MODAFT ERMES FMTCST PLUSS ENDCT SYM	DC DSC DSC DSC DSC DSC DSC DSC DSC DSC D	1, a 2,22 BLK5A 1,a 1,0 5,17650 3,046 IOUT 1,a 2,22 BLK6A 1,0 ************************************	*******				17
LOCTN 09815 09816 09822 09823 09824 09829 09832 09837 09838 09846 09847 09852 09860 09860 09861 09868 09869 09870 09875 09878 09889 09892 09990 09908 09910 09908 09910 10003 100031 100031 100031 100031	16 12 26 11 24 46 16	P/L 00001 00002 00005 00001 00000000	0 69824 ±0200 69847 ±0200 69870 62430 ±5139 ±5139 ±5139 ±5040 00005 00000 00002 04431 01100 ±5040 00000 X2	PG/LN 08910 08920 08930 08940 08950 08960 08970 08980 09000 09010 09020 09030 09035 09040 09110 09120 09180 09190 09100 09120 09130 09140 09150 09160 09170 09180 09190 09200	LABEL BLK5 BLK5A BLK6A ******* ***** BLK7 BLK7A URDATA CDDATA CDDATA C5DATA MODAFT ERMES FMTCST PLUSS ENDCT SYM	DC DSC DSC DC DSC DSC DSC DSC DSC DSC DS	1, a 2, 22 BLK5A 1, a 1, 0 5, 17650 3,0466 IOUT 1, a 2, 22 BLK6A 1, 0 ************************************	*******				17
LOCTN 09815 09816 09822 09823 09824 09829 09837 09838 09846 09847 09852 09868 09869 09875 09868 09869 09870 09875 09878 09908 09910 09922 09934 09011 00033 10031 10083 10083	16 12 26 11 24 46 16	P/L 00001 00002 00005 00001 00001 00005 00001	0 69824 ±0200 69847 ±0200 69870 62430 ±5139 ±5139 ±5139 ±5040 00005 00000 00002 04431 01100 ±5040 00000 X2	PG/LN 08910 08920 08930 08960 08970 08980 09000 09010 09010 09100 09110 09120 09130 09140 09150	LABEL BLK5 BLK5A BLK6A ******* ****** ****** ****** ****** ****	DC DSC DSC DC DSC DSC DSC DSC DSC DSC DS	1, a 2,22 BLK5A 1,0 1,0 3,046 1,0 1,2 2,22 BLK6A 1,0 3,043 IOUT 1,3 1,0 3,043 IOUT 1,3 1,0 5,17600 3,043 IOUT 1,3 1,0 5,17700 3,100 E86440 1,0 CHI 3,100 E86440 1,0 CHI 3,100	*******				17
LOCTN 09815 09816 09822 09823 09824 09829 09832 09837 09836 09846 09847 09855 09860 09861 09868 09869 09870 09875 09878 09889 09897 09900 09902 09934 0001 09005 09908 09908 09909 09908 09909	16 12 26 11 24 46 16	P/L 00001 00002 00005 00001 00005 00001 00005 00001 00005 00001 00005 00001 00005 00001 00005 00001 00005 00001 00005 00001 00005 00001 00005 00003 00000000	0 69824 ±0200 69847 ±0200 69870 62430 ±5139 ±5139 ±5139 ±5040 00005 00000 00002 04431 01100 ±5040 00000 X2	PG/LN 08910 08920 08930 08940 08950 08960 08970 08980 09000 09010 09020 09030 09055 09055 09056 09100 09120	LABEL BLK5 BLK5A BLK6A ******* ***** BLK7 BLK7A URDATA CDDATA CDDATA CDDATA CDDATA CSDATA MODAFT ERMES FMTCST PLUSS ENDCT SYM ZER13 TENZ SINGST DOTRAN	DC DSC DSC DSC DSC DSC DSC DSC DSC DSC D	1, a 2,22 BLK5A 1,0 1,0 3,046 IOUT 1,a 2,22 BLK6A 1,0 ************************************	*******				17 47

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1620 FORTRAN II-D
                                                           PHASE 1-B
                                                                                                                                                                    NOVEMBER, 1966
                                                                                                                                                                                                               PAGE 18
                                                                                       MNEM OPERANDS AND REMARKS
LOCTN
           OP
                       P/L
                                        Q
                                                            PG/LN
                                                                         LABEL
10106
10107
10108
                      00001
00001
00001
                                                            09460
09470
09480
                                                                           DIMSW
IFSW
CGTO
                                                                                         DSC
DSC
DSC
                                                                                                   1.0
10109
                      00001
                                                             09490
                                                                           OMM
                                                                                         DSC
                                                                           EQUSW
CALLSW
COMSW
10110
                      00001
                                                             09500
09510
                                                                                         DSC
DSC
                                                                                                   1,0
10112
                      00001
                                                             09520
                                                                                         DSC
                                                             09520
09530
09540
09550
09560
09570
09580
09590
                                                                          IOSW
SUBSW
 10113
                      00001
 10114
                                                                                                   1,0
10200
FMON+35,BLK4
FMON,IOUT
FMON+35,BLK2
FMON,NONARA
 10200
                                                                                         DORG
                                                                           IOUT
                      02359
10200
                                    09793
                                                                                         TFM
BTM
                                    10200
09747
10224
                      02324
10212
10236
                      02324
                                                                                         BTM
                                                                                                   FMON,NONARA
FMON+35,BLK1
FMON,DIM
FMON+35,BLK1
FMON,COMMON
FMON+35,BLK6
FMON,IF
FMON+35,BLK6
FMON+35,BLK6
                                                             09590
09600
09610
09620
09630
09640
09650
09660
 10248
                      02359
                                     09724
                                                                          DIM
                                                                                         TEM
                      02324
02359
02324
                                    10248
09724
10272
 10240
10260
10272
                                                                          COMMON TEM
BTM
              16
17
 10284
                      02359
02324
02359
 10296
10308
                                     09839
                                                                           ΙF
                                    10296
09839
10320
10308
10320
10332
10344
                      02324
                                                                                         BTM
              16
17
                                    09839
                                                             09680
                                                                          CALL
                                                                                         TFM
                                                                                                   FMON+35,BLK6
FMON+35,BLK6
FMON+RETURN
FMON+35,BLK1
 10356
                      02324
                                    10344
                                                             09690
                                                                                         втм
 10368
10380
                      02359
02324
02324
02359
                                    99839
10368
                                                             09700
09710
                                                                           RETURN TEN
                                                                                         BTM
                                                                          FORMAT TEM
10392
              16
17
                                     89724
                                                             09720
                      02324
02359
02359
02324
02359
                                                             09720
09730
09740
09750
09760
                                                                                                   FMON,FORMAT
FMON+35,BLK4
FMON,DOO
FMON+35,BLK3
10404
                                     10392
                                                                                         BTM
TFM
10416
10428
10440
                                                                           000
                                     ±0416
<del>0</del>9770
                                                                                         BTM
TFM
              16
                                                                          ASCAN
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BTM FMON+35,BLK3
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BTM FMON+35,BLK5
BTM FMON,OUTSC

** INITIAL IZATION PHASE 1-B
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BTM FMON,OKIO

** INITIAL IZATION PHASE 1-B
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                  1620 FORTRAN II-D
                                                           PHASE 1-8
                                                                                                                                                                    NOVEMBER, 1966
                                                                                                                                                                                                              PAGE
                        P/L
LOCTN OP
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                                                             PG/LN LABEL MNEM OPERANDS AND REMARKS
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BEGINA
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TFM FMON+35,BLK2
BTM FMON,NONARA
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M FMON,9DKIO
ENTRY TO DECOMPOSE DIMENSION STATEMENT
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*+36,CHI+2
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***** 1620 FORTRAN II-D	PHASE 1-B			NOVEMBER, 1966	PAGE 20
LOCTN OP P/L Q	PG/LN LABE	L MNEM	OPERANDS AND REMARK	(S	
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10656 46 10608 01100 10668 17 05738 1 0680	10630 10640	BH BTM	DIM1+12 CSORN,*+12		
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10704 26 08519 0724 2 10716 12 07242 000 0 5	10670 10680	T F S M	ADSAVE,SMADD,11, SMADD,05,10	•	
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10836 14 10081 000 0 0 10848 47 10872 01200		M2 CM BNE	SYM,0,10 *+24		
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10932 26 02620 10081 10944 14 15139 000 0 4	10860 10870	TF CM	TEMP,SYM CHI,04,10		
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11040 26 0724 2 00099 11052 33 10596 00000	10950 10960	SF TF CF	SMADD,99,6, DIM1		
11064 49 10788 00000 11072	10970 10980	B DORG	SD		•
11072 44 10860 10680 11084 15 0729 5 00003		IM BNF TDM	SETDM2+24,SETDM,, SMCNT,3,6	TEST FOR THIRD DIMENSION	
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11128 32 00095 00000 11140 26 0724 2 00099	11050 11060	S F T F	95 SMADD,99,6		
11152 31 15138 15140 11164 25 11185 0729 5	11070 11080	TR TD	CHI-1,CHI+1 DIMTP,SMCNT,11		
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11188 46 11276 01100 11200 46 11232 01200 11212 16 08519 00001	11110 11120	BH BE	SETDM4,,, *+32,,,	3 DIMENSIONS 2 DIMENSIONS	
11212 16 0851 9 0 0001 11224 49 11396 00000 11231	11130 11140 11150	T F M B DORG	ADSAVE,1,67, SETDM5+12	1 DIMENSION	50
***** 1620 FORTRAN II-D LOCTN OP P/L Q	PHASE 1-B PG/LN LABE	L MNEM	GPERANDS AND REMARK		PAGE 21
LOCTN OP P/L 0 11232 26 02620 08519 11244 12 02620 00005	PG/LN LABE 11160 11170	TF SM	OPERANDS AND REMARK TEMP, ADSAVE TEMP, 5, 10		PAGE 21
LOCTN OP P/L Q 11232 26 02620 08519 11244 12 02620 00005 11256 26 08519 02626 11268 49 11384 00000	PG/LN LABE 11160 11170 11180 11190	TF SM TF B	TEMP, ADSAVE TEMP, 5, 10 ADSAVE, TEMP, 611 SETDM5		PAGE 21
LOCTN OP P/L 0 11232 26 02620 08519 11244 12 02620 00095 11256 26 08519 02620 11268 49 11384 00000 11275 11276 26 02620 08519	PG/LN LABE 11160 11170 11180 11190 11200 11210 SETD	TF SM TF B DORG M4 TF	TEMP, ADSAVE TEMP, 5, 10 ADSAVE, TEMP, 611 SETIOM5 *-4 TEMP, ADSAVE		PAGE 21
LOCTN OP P/L 0 11232 26 02620 08519 11244 12 02620 00095 11256 26 08519 02626 11268 49 11384 00000 11275 11276 26 02620 08519 11288 12 08519 00095 11300 12 02620 00091	PG/LN LABE 11160 11170 11180 11190 11200 11210 SETD 11220 11230	TF SM TF B DORG M4 TF SM SM	TEMP, ADSAVE TEMP, 5, 10 ADSAVE, TEMP, 611 SETIM5 *-4 TEMP, ADSAVE ADSAVE, 5, 10 TEMP, 10, 10		PAGE 21
LOCTN OP P/L Q 11232 26 02620 08519 11244 12 02620 00095 11256 26 08519 02620 11275 11276 26 02620 08519 11288 12 08519 00095 11300 12 02620 00010 11312 23 02620 08519 11312 23 02620 08519 11324 32 00095 00000	PG/LN LABE 11160 11170 11180 11200 11210 11220 11220 11230 11240 11250	TF SM TF B DORG TF SM SM SF	TEMP, ADSAVE TEMP, 5, 10 ADSAVE, TEMP, 611 SFTDM5 #-4 TEMP, ADSAVE ADSAVE, 5, 10 TEMP, 10, 10 TEMP, AUSAVE, 611 95		PAGE 21
LOCTN OP P/L Q 11232 26 02620 08519 11244 12 02620 00095 11256 26 08519 02626 11268 49 11384 00000 11275 11276 26 02620 08519 11288 12 08519 00095 11310 12 02620 00091 11312 23 02620 08519 11324 32 00095 00000 11336 26 02372 00099 11348 26 08519 02626 11360 26 02620 02372	PG/LN LABE 11160 11170 11180 11190 11210 11210 SETD 11220 11230 11240	TF SM TF B DORG M4 TF SM SM M	TEMP, ADSAVE TEMP, 5, 10 ADSAVE, TEMP, 611 SFIDMS *-4 TEMP, ADSAVE ADSAVE, 5, 10 TEMP, 10, 10 TEMP, 10, 50 TEMP, 40, 50 VE, 6611		PAGF 21
LOCTN OP P/L 0 11232 26 02620 08519 11244 12 02620 00095 11256 26 08519 0262e 11268 49 11384 00000 11275 11276 26 02620 08519 11288 12 08519 00095 11300 12 02620 00010 11312 23 0262e 08519 11324 32 00095 00000 11336 26 02372 00099 11348 26 08519 0262e 11360 26 0262e 02372 11372 21 0262e 08519 11384 11 0262e 00091	PG/LN LABE 11160 11170 11180 11190 11210 11220 11220 11230 11240 11250 11260 11270 11280 11290 11390 SETD	TF SM TF B DORG M4 TF SM M SM TF TF TF A M5 AM	TEMP, ADSAVE TEMP,5,10 ADSAVE,TEMP,611 SFIDMS *-4 TEMP, ADSAVE ADSAVE,5,10 TEMP,10,10 TEMP,10,10 TEMP,AUSAVE,611 95 NXLOC,99,6 ADSAVE,TEMP,611 TEMP,NXLOC,611 TEMP,ADSAVE,611 TEMP,ADSAVE,611		PAGE 21
LOCTN OP P/L Q 11232 26 02620 08519 11244 12 02620 00095 11256 26 08519 02624 11268 49 11384 00000 11275 11276 26 02620 08519 11288 12 08519 00095 11300 12 02620 00040 11312 23 02626 08519 11324 32 00095 000000 11336 26 02372 00099 11348 26 08519 02626 11360 26 02626 02372 11372 21 02626 08519 11384 11 02626 00091 11396 11 02372 00095 11408 26 02372 00095 11408 26 02372 00095	PG/LN LABE 11160 11170 11180 11200 11210 11220 11230 11240 11250 11260 11270 11280 11290 11300 SETD	TF SM TF B DORG TF SM SM M SF TF TF A A A TF	TEMP, ADSAVE TEMP, 5, 10 ADSAVE, TEMP, 611 SFTDMS 2-4 TEMP, ADSAVE ADSAVE, 5, 10 TEMP, 10, 10 TEMP, AUSAVE, 611 95 NXLOC, 99, 6 ADSAVE, TEMP, 611 TEMP, NXLOC, 611 TEMP, NXLOC, 611 TEMP, 1, 610 NXLOC, 5MADD, 611		PAGE 21
LOCTN OP P/L Q 11232 26 02620 08519 11244 12 02620 00095 11256 26 08519 02620 11275 11276 26 02620 08519 11284 12 08519 00005 11370 12 02620 08519 11310 12 02620 00095 11310 23 02620 08519 11312 30 02620 08519 11324 32 00095 00000 11336 26 02372 00099 11348 26 08519 02620 11360 26 02620 02372 11372 21 02620 08519 11384 11 02620 00091 11384 11 02620 00091 11384 11 02620 00091 11384 11 02620 00091 11386 11 02372 00095 11408 26 02372 07242 11420 45 11440 15141	PG/LN LABE 11160 11170 11180 11120 11220 11220 11230 11240 11250 11260 11270 11280 11290 11310 11310 11320 11330 11340	TF SM TF B ODG M4 TF SM SM SF TF TF A AM AM TF B NR B	TEMP, ADSAVE TEMP,5,10 ADSAVE,TEMP,611 SFTDMS *-4 TEMP,ADSAVE ADSAVE,5,10 TEMP,ADSAVE,611 95 NXLOC,99,6 ADSAVE,TEMP,611 TEMP,NXLOC,611 TEMP,NXLOC,611 TEMP,1,610 NXLOC,SMADD,611 *+20,CH1+2 BFGINA		PAGE 21
LOCTN OP P/L Q 11232 26 02620 08519 11244 12 02620 00095 11256 26 08519 02626 11256 49 11384 00000 11275 11276 26 02620 08519 11288 12 08519 00095 11300 12 02620 00050 11312 23 02620 08519 11324 32 00095 00000 11336 26 02372 00090 11348 26 08519 02626 11360 26 02626 02372 11372 21 02626 08519 11384 11 02626 00091 11384 11 02626 00091 11386 11 02372 00095 11408 26 02372 07242 11408 26 02378 07242 11420 45 11440 15141 11432 49 02638 00000 11440 14 15139 00023	PG/LN LABE 11160 11170 11180 11190 11200 11210 11220 11230 11240 11250 11260 11270 11280 11290 11310 11310 11310 11320 11330 11340 11350 11350	TF SM TF B DORG TF SM M SF TF TF AM AM TF BNR B DORG CM	TEMP, ADSAVE TEMP, 5,10 ADSAVE, TEMP, 611 SFTDMS *-4 TEMP, ADSAVE ADSAVE, 5,10 TEMP, 10,10 TEMP, 10,50 TEMP, 10,50 TEMP, 10,50 ADSAVE, TEMP, 611 TEMP, NXLOC, 611 TEMP, NXLOC, 611 TEMP, NXLOC, 611 TEMP, 1,610 NXLOC, 5,10 NXLOC, 5,10 NXLOC, 5,10 NXLOC, 5,10 NXLOC, 5,10 NXLOC, 5,10 NXLOC, 5,10 NXLOC, 5,10 CH1,23,10		PAGF 21
LOCTN OP P/L Q 11232 26 02620 08519 11244 12 02620 00095 11256 26 08519 02626 11256 49 11384 00000 11275 11276 26 02620 08519 11288 12 08519 00095 11300 12 02620 008519 11312 23 02626 08519 11312 23 02626 08519 11312 23 02626 08519 11324 32 00095 00000 11336 26 02372 00099 11348 26 08519 02626 11340 26 02626 02372 11372 21 02626 08519 11384 11 02626 00851 11384 11 02626 00091 11396 11 02372 00095 11408 26 02372 70242 11420 45 11440 15141 11432 49 02638 00000	PG/LN LABE 11160 11170 11180 11190 11210 11220 11220 11230 11240 11250 11260 11270 11280 11290 11310 11310 11310 11320 11330 11340 11350	TF SM TF B DORG M4 TF SM M SF TF TF A AM TF BNR B DORG	TEMP, ADSAVE TEMP, 5,10 ADSAVE, TEMP, 611 SETDMS *-4 TEMP, ADSAVE ADSAVE, 5,10 TEMP, 10,10 TEMP, 10,10 TEMP, 10,50 ADSAVE, TEMP, 611 TEMP, NAUCC, 661 TEMP, ADSAVE, 611 TEMP, 10,10 NXLOC, 59,10 NXLOC, 59,10 NXLOC, 5,10 NXLOC, 5,10 NXLO		PAGE 21
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LOCTN OP P/L Q 11232 26 02620 08519 11244 12 02620 00095 11256 26 08519 02626 11256 26 08519 02626 11275 11276 26 02620 08519 11288 12 08519 00005 11310 12 02620 00091 11312 23 02626 08519 11312 24 02620 00091 11312 23 02626 08519 11324 32 00095 00000 11312 23 02626 08519 11324 32 00095 00000 11313 26 02372 00099 11348 26 08519 02626 11330 21 02626 02372 11372 21 02626 08519 11394 11 02627 000091 11396 11 02372 00095 11408 26 02372 07242 114140 45 11440 15141 11432 49 02638 00000 11440 14 15139 00023 11440 14 15139 00023 11440 49 10620 00000 11444 11 15139 00023 11452 47 10596 01200 11464 31 15138 15140 11476 49 10620 00000 11484 10 07919 00002 11496 45 11552 07919 11508 21 02372 05965 11520 26 02372 10081 11552 26 07242 02372 11544 49 10692 00000 11552 11552 17 09384 00271 11565 17 04696 00093 11558 24 10081 12165 11600 46 04300 01200 11612 47 04300 11200 11624 31 15138 15144 11636 15 10112 00000 11672 14 15139 00040 11672 14 15139 00069 11686 17 05738 11708 11708 14 15139 000094 11770 14 15139 000064 11770 14 15139 000069 11770 14 15139 000069	PG/LN LABE 11160 11170 11180 11200 11210 11220 11230 11240 11250 11260 11270 11280 11290 11310 11320 11330 11340 11350 11350 11360 11370 11380 11390 11410 11410 11420 11430 11490 11410 1140 11450 11460 11470 11480 11490 1	TF SM SFF TF AM AFR G SM SFF TF AM AFR G SM SFF TF AM AFR G SM SFF TF BB DOM R AFF B DOM R B DOM R B DOM R B DOM R B DOM B C B B B DOM B C B B B B B B B B B B B B B B B B B	TEMP, ADSAVE TEMP, 5,10 ADSAVE, TEMP, 611 SETDMS *-4 TEMP, ADSAVE ADSAVE, 5,10 TEMP, ADSAVE, 611 95 NXLDC, 99,6 ADSAVE, 7EMP, 611 TEMP, NXLDC, 661 TEMP, ADSAVE, 661 TEMP, ADSAVE, 661 TEMP, ADSAVE, 661 TEMP, ADSAVE, 661 TEMP, 1,610 NXLDC, 58,10 NXLDC, 58,10 NXLDC, 58,10 DXLDC, 5	TEST IF DIM VAR WAS PLACED IN TAB SUBROUTINE OR FUNCTION STATEMENT ENTS ****** BRANCH IF VARIABLE WAS PREVIOUSLY DEFINED THEN IT MUST BE SIMPLE VARI	USED ABLE
LOCTN OP P/L Q 11232 26 02620 08519 11244 12 02620 00005 11256 26 08519 02626 11256 49 11384 00000 11275 11276 26 02620 08519 11288 12 08519 00005 11310 22 02620 00010 11312 23 02626 08519 11312 30 02620 00010 11312 24 32 00095 00000 11312 27 00095 11360 26 02620 02372 11372 21 02620 08519 11384 11 02620 00091 11386 11 02372 00005 11408 26 02372 707242 11372 11 02620 00001 11404 14 15139 00023 11440 14 15139 10023 11440 14 15139 10002 11440 14 15139 00002 11440 14 15139 100002 11440 14 15139 00000 11440 14 15139 00000 11440 14 15139 100000 11440 14 15139 100000 11452 47 10596 10200 11464 31 15138 15140 11476 49 10620 00000 11484 11 07919 00002 11498 41 10 7919 00002 11552 17 09384 00271 11565 100006 X2 11576 17 04696 000000 11624 31 15138 15144 11636 15 10112 000004 11612 47 04300 01200 11624 31 15138 15144 11636 15 10112 000004 11612 47 04300 01200 11624 31 15138 15144 11636 15 10112 000004 11612 47 04300 01200 11624 31 15138 15144 11636 15 10112 000004 11612 47 04300 01200 11624 31 15138 15144 11636 15 10112 000004 11612 47 04300 01200 11624 31 15138 15144 11636 15 10112 000004 11672 47 04300 01200 11624 31 15138 15144 11636 15 10112 000004 11672 47 04300 01200 11672 47 04300 01200 11674 41 15139 00069 11684 46 09496 01100 11672 47 04300 01200 11672 47 15139 00069 11674 47 11509 00069 11674 47 11509 000069 11675 48 11509 000640 11672 47 04300 01200 11672 47 04300 01200 11672 47 15139 00069 11674 47 11509 00069 11674 47 11509 00069 11675 48 11509 000640 11676 47 09496 01100 11677 47 11509 000640 11677 47 11509 000640 11677 47 11509 000640 11678 43 11800 06453 11780 022662 02298	PG/LN LABE 11160 11170 11180 11190 11200 11210 11220 11230 11240 11250 11260 11270 11280 11290 11300 SETD 11310 11320 11330 11340 11340 11350 11360 11370 11380 11390 11410 11410 11420 11440 11450 11460 11470 11480 11490 11410 11490 11410 11490 11410 11490 1	TF SM SM SF SM	TEMP, ADSAVE TEMP,5,10 ADSAVE,TEMP,611 SFTDMS *-4 TEMP,ADSAVE ADSAVE,5,10 TEMP,ADSAVE,611 95 NXLOC,99,6 ADSAVE,7EMP,611 TEMP,AUSAVE,611 TEMP,NOSAVE,611 TEMP,10,10 NXLOC,59,10 NXLOC,50,10 NXLOC,50,10 NXLOC,50,10 NXLOC,50,10 NXLOC,5MADD,611 *+20,CH1+2 BEGINA *-3 CH1,23,10 DIM1 CH1-1,CH1+1 DIM1+24 *-3 MODAD,2,10 DIM3,MODAD,11, NXLOC,5WM,66 SMADD,NXLOC,5SWM,6 SMADD,NXLOC,5SWM,6 SMADD,NXLOC,6 SETDM+12 *-3 ERROR,271,9 6,ENSION ECODE COMMON STATEME CONEM,3,10 SYM,MON+4 ERRO1 CH1-1,CH1+5 COMSW,1,11 CH1,40,10 COMER CH1,69,10 COMER	TEST IF DIM VAR WAS PLACED IN TAB SUBROUTINE OR FUNCTION STATEMENT NTS ****** BRANCH IF VARIABLE WAS PREVIOUSLY	LE BY USED ABLE VM AREA
LOCTN OP P/L Q 11232 26 02620 08519 11244 12 02620 00095 11256 26 08519 02626 11256 49 11384 00000 11275 11276 26 02620 08519 11288 12 08519 00095 11300 12 02620 008519 11312 23 02620 08519 11312 23 02620 08519 11312 23 02620 08519 11312 24 02620 00091 113136 26 02372 00099 11348 26 08519 02620 11340 26 02620 02372 11372 21 02620 08519 11384 11 02620 00091 11396 11 02372 00095 11408 26 02372 07242 11420 45 11440 15141 11432 49 02638 00000 11440 14 15139 00023 11440 14 15139 00023 11440 14 15139 00023 11464 31 15138 15140 11476 49 10620 00000 11464 11 07919 00002 11464 31 15138 15140 11476 49 10620 00000 11464 49 10620 00000 11464 31 15138 15140 11476 49 10620 00000 11464 49 10692 00000 11464 11 07919 00002 11552 17 09384 00271 11555 17 04696 00093 11558 24 10081 12165 11600 46 04300 01400 11612 47 04300 01200 11624 31 15138 15144 11636 15 10112 00004 11672 14 15139 00040 11672 14 15139 00040 11672 14 15139 00040 11672 14 15139 00040 11672 14 15139 00040 11672 14 15139 00040 11672 14 15139 00040 11672 14 15139 00069 11732 43 11876 02611	PG/LN LABE 11160 11170 11180 11190 11200 11210 11220 11230 11240 11250 11260 11270 11280 11290 11310 11320 11330 11340 11350 11360 11370 11380 11390 11410 11410 11410 11420 11430 11440 11450 11460 11470 11480 11490 11410 11500 11410 11500 11410 11500 11410 11500 11500 11500 11500 11500 11510 11500 11500 11500 11500 11510 11500 11500 11500 11500 11500 11510 11500 11500 11510 11500 11510 11500 11500 11510 11500 11510 11500 11510 11500 11510 11500 11510 11500 11510 11500 11510 11500 11510 11500 11510 11500 11510 11500 11510	TF SM STF TF AM AF SM STF TF AM AF SM AT TF BD CM S BD CM STF TF AM AF SM AT TF BD CM S BD CM ST CM	TEMP, ADSAVE TEMP, 5, 10 ADSAVE, TEMP, 611 SETDMS *-4 TEMP, ADSAVE ADSAVE, 5, 10 TEMP, ADSAVE, 611 95 NXLOC, 99, 6 ADSAVE, 7EMP, 611 TEMP, NXLOC, 6611 TEMP, ADSAVE, 611 TEMP,	TEST IF DIM VAR WAS PLACED IN TAB SUBROUTINE OR FUNCTION STATEMENT ENTS ***** BRANCH IF VARIABLE WAS PREVIOUSLY DEFINED THEN IT MUST BE SIMPLE VARI MOVE OBJ TIME COMMON ADDRESS TO S	USED ABLE IYM AREA ABLE

****	1	620 FOR	TRAN II-D	PHASE	1-B			NOVEMBER, 1966 PAGE 22	2
LOCTN	OP	P/L	Q	PG/LN	LABEL	MNEM	OPERANDS AND REMARK	s	
11812 11824	45 49	11832 02638	15141 00000	11730 11740	COMAB	BNR B	*+20,CHI+2 BEGINA		
11832	14	15139	00023	11750 11760		DORG CM		TEST FOR MORE LIST ELEMENTS	
11844 11856	47 31	09496 15138	01200 15140	11770 11780		BNE TR	COMER CHI-1,CHI+1		
11868 11876	49	11648	00000	11790 11800		B DDRG	COMMEN+72	•	
11876	44	11900	0729 5	11810 11820	***** COMIN			ARIABLE WAS IN TABLE *****	
11888 11900	17 44	09384 11888	00 3 73 0791 9	11830 11840		BTM BNF	ERROR,373,9, *-12,MODAD,11,	VARIABLE WAS PREVIOUSLY PLACED IN COMMON WAS IT PREVIOUSLY EQUIVALENCED	
11912 11924	32 21	0729 5 02372	00000 05965	11850 11860	COMINA	SF A	SMCNT,,6, NXLOC,SMLNG		
11936 11948	26 26	0724 2 0237 2	02372 10081	11870 11880		TF TF	SMADD, NXLOC, 6, NXLOC, SYM, 6	MOVE NEW SYMBOL ADDRESS INTO TABLE	
11960 11968	49	11744	00000	11890 11900		B DORG	COMA,,, *-3	BRANCH TO PLACE COMMON ADDRESS IN TABLE	
11968	44	11988	07295	11910 11920	***** C DM E	BNF	*+20,SMCNT,11	LOOK UP WHEN VARIABLE WAS DIMENSIONED	
11980 11988	49	11888	00000	11930 11940		DORG		VARIABLE PREVIOUSLY PLACED IN COMMON	
11988 12000 12012	32	11888 0729 5 07295	0791 9 00000	11950 11960		BNF SF	COMIN+12,MODAD,11, SMCNT,,6,	TEST IF VAR WAS PREVIOUSLY EQUIVALENCED	
12024	12 43	12056	000 0 7 06453	11970	COMC	SM BD	SMCNT,07,10 *+32,FXORFL	CCT UD TO MINITIDE V MUMBER	
12048 12056	26 49	12068	02298 00000	11990 12000 12010		TF B DORG	COMM+11,FP2 ,,	SET UP TO MULTIPLY NUMBER	
12056 12068	26 13	12079 0729 5	02252 00000	12020 12030	COMM	TF MM	*+23,KLNG SMCNT,,6,	GEN. NO. OF LOCATIONS FOR ARRAY	
12080 12092	32	00095	00000	12040 12050	001111	SF S	95 COMADD,99,,	UPDATA COMMON ADDRESS	
12104 12116	47 26	12148 0729 5	01300 02262	12060 12070		BN TF	COMER3 SMCNT,COMADD,6	OF DATA COMMON ADDRESS	
12128 12140	21 49	0729 5 11812	12079	12080		A B	SMCNT,COMM+11,6 COMAB,,,	THIS ADDRESS IS THE LOW ORDER DIGIT OF	
12147 12148	17		00474	12100	COMER3	DORG	*-4,,, ERROR,474,9,	FIRST ELEMENT. COMMON EXCEEDS CORE SIZE	
12161	-	00003		12120 12130	MON ****	DAC	3,MON NIT RECORD FORMAT OU		
12166 12178	43 15	12198 0724 2	02611 00001	12140 12150	FOMAT	BD TDM	*+32,INSW SMADD,1,6	•	
12190 12198	49	12230	00000	12160 12170		B Dorg	FOMAT1 *-3		
12198 12210	43 16	12230 09373	0724 2 00 2 77	12180 12190		BD TFM	FOMAT1,SMADD,11 SPGS+11,277,9		
12222	49	09290	00000	12200 12210		B DORG		ERROR 27	
12230 12242	16	08183 08183	±5137 000 0 2	12220 12230	FOMAT1	AM	X+11 ,CHI-2 X+11 ,2,10		
12254	45 43	12242	0818 3 02424	12240 12250		BNR BD	*-12,X+11 ,11, FORM99,INDIV	SCAN AHEAD FOR RECORD MARK	
12278	11	02937	15285 00002	12260		AM AM	CKRM-1,CHI+146,711 CKRM-1,2,10		
12302 12314	46 16	12346 0818 3	01200 000 0 0	12280 12290		BE TFM	*+44 X+11 ,0,610		52
***** LOCTN	OP	P/L	TRAN II-D		1-B LABEL		OPERANDS AND REMARK	NOVEMBER, 1966 PAGE 23 S	i
LOCTN 12326 12338				PG/LN 12300 12310		AM B	X+11 ,2,10 *-48		i
LOCTN 12326	OP	P/L 08183	Q 000 0 2	PG/LN 12300	LABEL	AM B DORG TDM BTM	X+11 ,2,10 *-48 *-3 FMSW,1		
LOCTN 12326 12338 12346 12358 12370 12382	OP 11 49 15 17 16 31	P/L 08183 12290 10104 04876 08189 08189	Q 00002 00000 00001 00000 00000 000007 06066	PG/LN 12300 12310 12320 12330 12340 12350 12360		AM B DORG TDM BTM TFM TR	X+11 ,2,10 *-48 *-3 FMSW-1 CKCNTU,0,10 X+11 ,37,610 X+11 ,AVOID,6		
LOCTN 12326 12338 12346 12358 12370 12382 12394 12406	OP 11 49 15 17 16 31 31 14	P/L 08183 12290 10104 04876 08189 08189 15138 15139	Q 00002 00000 00001 00000 00007 06066 15150 00000	PG/LN 12300 12310 12320 12330 12340 12350 12360 12370 12380	LABEL	AM B DORG TDM BTM TFM TR TR CM	X+11 ,2,10 *-48 *-3 FMSW,1 CKCRTU,0,10 X+11 ,37,610 X+11 ,4V0ID,6 CHI-1,CHI+11		
LOCTN 12326 12338 12346 12346 12358 12370 12382 12394 12406 12418 12430	OP 11 49 15 17 16 31 31 14 47 31	P/L 08183 12290 10104 04876 08183 15138 15138	0 00002 00000 00001 00000 00007 06066 15150 00000 01200 15140	PG/LN 12300 12310 12320 12330 12340 12350 12360 12370 12380 12390	LABEL	AM B DORG TDM BTM TFM TR TR CM BNE TR	X+11 ,2,10 *-48 *-3 FMSW,1 CKCNTU.0,10 X+11 ,37,610 X+11 ,AVOID,6 CHI-1,CHI+11 CHI,0,10 *+32 CHI-1,CHI+1		
LOCTN 12326 12338 12346 12358 12370 12382 12394 12406 12418 12430 12442	OP 11 49 15 17 16 31 31 14 47 31 49	P/L 08183 12290 10104 04876 08189 08189 15138 15139 12450 15138 12406	0 00002 00000 00000 00000 00000 00000 00000 01200 15140 00000	PG/LN 12300 12310 12320 12330 12340 12350 12360 12370 12380 12390 12400 12410	LABEL	AM B DORG TDM BTM TFM TR CM BNE TR B DORG	X+11 ,2,10 *-48 *-3 FMSW,1 CKCNTU,0,10 X+11 ,37,610 X+11 ,AV010,6 CHI-1,CHI+11 CHI,0,10 *+32 CHI-1,CHI+1 *-36 *-3		
LOCTN 12326 12338 12346 12346 12358 12370 12382 12394 12418 12430 12442 12450 12442	OP 11 49 15 17 16 31 31 14 47 31 49 14	P/L 08183 12290 10104 04876 08183 15138 15138 15138 15138 12450 15138 12450	0 00002 00000 00000 00000 00000 00000 00000 01200 15140 00000 00024 01200	PG/LN 12300 12310 12320 12330 12340 12350 12360 12370 12380 12390 12400 12410 12420 12430	LABEL	AM B DORG TDM BTM TFM TR CM BNE TR BNE TR CM BNE TR B B CM BE	X+11 ,2,10 *-48 *-3 FMSW+1 CKCNTU+0,10 X+11 ,37,610 X+11 ,37,610 X+11 ,34010,6 CHI-1,CHI+11 CHI-0,10 *+32 CHI-1,CHI+1 *-36 *-3 CHI,24,10 *+24	S	
LOCTN 12326 123346 12346 12358 12370 12382 12406 12418 12430 12442 12450 12452 12454	OP 11 49 15 17 16 31 14 47 31 49 14 46 17 17	P/L 08183 12290 10104 04876 08183 15138 15138 15138 12406 15139 12486 09384	0 000002 000000 000000 000000 000000 00000 01200 01200 001200 00000 00000 00000 00000 00000 00000 0000	PG/LN 12300 12310 12320 123340 12350 12360 12370 12380 12400 12410 12420 12440 12450 12450	LABEL	AM B DORG TDM TFM TR TR TR B ORG C M B TM B TR B DORG B TM B TM	X+11 ,2,10 *-48 *-3 FMSW,1 CKCNTU,0,10 X+11 ,37,610 X+11 ,37,610 X+11 ,4V0IP,6 CHI-1,CHI+11 CHI,0,10 *-32 CHI-1,CHI+1 *-36 *-3 CHI,24,10 *+24 ERROR,375,9, PUT, 128,8,FORM	S LEFT PAREN DOES NOT FOLLOW FORMAT AT	
LOCTN 12326 12338 12346 12358 12370 12382 12496 12418 12420 12450 12452 12452 12452	OP 11 49 15 17 16 31 14 47 31 49 14 46 17 17 11	P/L 08183 12290 10104 04876 08183 15138 15138 12450 15138 12450 15139 12450 09384 09084 09084 09084	0 000002 00000 00000 00000 00000 00000 01200 01200 01200 00000 00000 00000 00000 00000 00000 0000	PG/LN 12300 12310 12320 12340 12350 12360 12370 12490 12410 12420 12430 12440 12450 12460 12470	LABEL	AM B OORG TOM BTM TFR CM BTR BOOR BTM BOOR BTM BTM BTM BTM BTM BTM BTM BTM	X+11 ,2,10 *-48 *-3 FMSN,1 CKCNTU,0,10 X+11 ,37,610 X+11 ,AVGID,6 CHI-1,CHI+11 CHI-1,CHI+11 *-32 CHI-1,CHI+1 *-36 *-3 CHI,24,10 *+24 ERROR,375,9, PUT, 128,8,FORM PUT, 124,6,LEFT PARCNT,1,10	S LEFT PAREN DOES NOT FOLLOW FORMAT AT PAREN	
LOCTN 12326 12338 12346 12346 12348 12379 12408 12418 12430 12442 12450 12462 12474 12486 12486 12486 12486	OP 11 49 15 17 16 31 31 44 47 31 49 14 46 17 17 11 16	P/L 08183 12290 10104 04876 08183 15138 15138 12406 15138 12406 15138 12406 15138 12406	0 000002 00000 00000 00000 00000 00000 01200 01200 01200 00000 00000 00000 00000 00000 00000 0000	PG/LN 12300 12310 12320 12340 12350 12360 12370 12490 12410 12420 12450 12450 12450 12450 12460 12470 12480 12490	FORM99	AM BOORG TOM BTM TFR CMBRR BOORG BETM BETM BETM BETM BETM BETM BETM BETM	X+11 ,2,10 *-48 *-3 FMSW,1 CKCNTU,0,10 X+11 ,37,610 X+11 ,AVOID,6 CHI-1,CHI+11 CHI-1,CHI+11 *-32 CHI-1,CHI+1 *-36 CHI-24,10 *+24 ERROR,375,9, PUT, 128,8,FORM PUT, 124,8,LEFT PARCNT,1,10 WIOTH,145,8,	LEFT PAREN DOES NOT FOLLOW FORMAT AT PAREN INITALIZE WIDTH CHECK	
LOCTN 12326 12338 12346 12346 12358 12370 12382 12394 12406 12418 12430 12442 12450 12452 12474 12486 12498 12510 12522	OP 11 49 15 17 16 31 14 47 31 49 14 46 17 17 11	P/L 08183 12290 10104 04876 08189 15138 15139 12450 15138 12406 15139 12486 09384 09084 09084 09084 09084 1512 14453	0 000002 00000 00000 00000 00000 00000 01200 01200 01200 00000 00000 00000 00000 00000 00000 0000	PG/LN 12300 12310 12320 12330 12340 12350 12360 12370 12490 12440 12450 12470 12480 12490 12492	FORM99	AM B DORG TOM BTFM TTR CMNE BORG CME BTM	X+11 ,2,10 x-48 x-3 x-3 FMSN,1 CKCNTU,0,10 X+11 ,37,610 X+11 ,AVGID,6 CHI-1,CHI+11 CH;0,10 x+32 CHI-1,CHI+1 x-36 x-3 CH1,24,10 x+24 ERROR,375,9, PUT, 128,8,FORM PUT, 124,6,LEFT PARCNT,1,10 WIOTH,145,8, XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	S LEFT PAREN DOES NOT FOLLOW FORMAT AT PAREN INITALIZE WIDTH CHECK	
LOCTN 12326 12338 12346 12346 12358 12370 12382 12394 12406 12418 12430 12442 12450 12462 12474 12486 12498 12510 12522	OP 11 49 15 17 16 31 31 14 47 17 17 17 11 16 16 43 12 31	P/L 08183 12290 10104 04876 08183 15138 15138 15139 12450 15138 12406 15139 12446 09384 09084 09084 09461 1515 14453 14512	0 000002 00000 00000 00000 00000 00000 01200 01200 01200 01200 00000 00000 00000 00000 00000 00000 0000	PG/LN 12300 12310 12320 12330 12340 12350 12360 12370 12410 12420 12440 12470 12480 12490 12490 12495 12490 12510	FORM99	AB DOM TOTAL TERM E G TOTAL BOM BBTM M *** BOM BBTM M BBTM M BBTM M *** BOM BBTM M BBTM BBTM M B	X+11 ,2,10 *-48 *-3 *-3 FMSN,1 CKCNTU.0,10 X+11 ,AVGID,6 CHI-1,CHI-1 CHI-1,CHI-1 *-36 CHI-1,CHI-1 *-36 CHI-24,10 *+24 ERROR,375,9, PUT, 128,8,FORM PUT, 124,8,LEFT PARCNT,1,10 WIOTH,145,8, SCALE,998,8 *+24,81GPRT WIOTH,24,10 CHI-1,CHI-1	LEFT PAREN DOES NOT FOLLOW FORMAT AT PAREN INITALIZE WIDTH CHECK ************************************	
LOCTN 12326 12338 12346 12346 12358 12370 12382 12394 12400 12442 12450 12462 12454 12486 12438 12510 12522	11 49 15 17 16 31 31 447 31 49 14 46 17 17 11 16 16 43 12 31 14 46	P/L 08183 12290 10104 04876 08183 15138 15138 12450 15138 12446 09084 09084 09084 02615 14453 14512 12570 14453	0 000002 00000 00000 00000 00000 00000 01200 01200 01200 00000 00000 00000 00000 00000 00000 0000	PG/LN 12300 12310 12320 12340 12350 12360 12370 12490 12410 12420 12450 12460 12479 12490 12490 12490 12490 12490 12490 12490 12500 12500	FORM99	AM G G TOMMETTRR ME B TOM B THR TTRR ME B TOMBET M A TEXT TO TOMBET M M *** M	X+11 ,2,10 *-48 *-3 *-3 FMSW,1 CKCNTU.0,10 X+11 ,37,610 X+11 ,37,610 X+11 ,AV0ID,6 CHI-1,CHI+11 CHI-1,CHI+1 *-36 *-3 CHI,24,10 *+24 ERROR,375,9, PUT, 128,8,FORM PUT, 124,8,LEFT PARCNT,1,10 WIDTH,145,8, SCALE,998,8 *+24,BIGPRT WIDTH,24,10 CHI-1,CHI+1 CHI,0,10 *-24	LEFT PAREN DOES NOT FOLLOW FORMAT AT PAREN INITALIZE WIDTH CHECK ************************************	
LOCTN 12326 12338 12346 12358 12370 12382 12394 12400 12442 12450 12452 12454 12458 12510 12522 12534	11 49 15 17 16 31 31 447 31 14 46 17 17 11 16 43 12 31 14 46 14 46 14 46	P/L 08183 12290 10104 04876 08183 15138 15139 12450 15138 12406 15139 12486 09384 09084 09084 02615 14453 14512 12570 14453 15138 15138 15138 15139	0 000002 000000 000001 000000 000007 000060 01200 015140 000000 00024 01200 000375 00124 00001 00145 00001 00145 000024 15140 00000 0024 00000 00000 00000 00000 00000 00000 0000	PG/LN 12300 12310 12320 12340 12350 12360 12370 12380 12400 12410 12420 12450 12450 12460 12491 12491 12495 12491 12500 12510 12520 12550	FORM99	AB DOMMAN GOMENTER MER GOMEN MATERIAL BOMEN MATERIA	X+11 ,2,10 *-48 *-3 *-3 FMSW,1 CKCNTU.0,10 X+11 ,37,610 X+11 ,37,610 X+11 ,AV0ID,6 CHI-1,CHI+11 CHI,0,10 *+32 CHI,24,10 *+24 ERRIR,375,9 PUT, 128,8,FORM PUT, 124,8,LEFT PARCNT,1,10 MIDTH,145,8,***********************************	LEFT PAREN DOES NOT FOLLOW FORMAT AT PAREN INITALIZE WIDTH CHECK ************************************	
LOCTN 12326 12338 12346 12346 12358 12379 12406 12418 12430 12442 12450 12452 12534 12510 12522 12534	11 49 15 17 16 31 14 47 17 11 16 16 43 12 14 466 17 17 17 11 16 16 467 17 17	P/L 08183 12290 10104 04876 08183 08183 15138 15138 12406 15138 12446 09084 09084 02615 14453 14512 12570 15138 15138 15138 15138 15138 15138 15138 16570	Q 00000 00001 00000 00000 00000 00000 01000 01200 015140 00000 00024 01200 00375 00128 0001 00145 00001 00145 00001 00145	PG/LN 12300 12310 12320 12340 12350 12360 12370 12380 12400 12410 12420 12430 12440 12450 12470 12480 12491 12491 12495 12491 12495 12500 12510 12520 12530 12540 12550	FORM99	AB DOTM G TOTH TT C BT B DOME B BT M M M ** ** TOTH TT C BT B D C B B B B A T F ** F B D C B C B B B T C B C B B B B A T C B C B B B B A T C B C B B B B A T C B C B B B B A T C B C B B B B A T C B C B B B B A T C B C B B B B B A T C B C B B B B B A T C B C B B B B B A T C B C B B B B B A T C B C B B B B B A T C B B B B B B B B B B B B B B B B B B	X+11 ,2,10 *-48 *-3 FMSW,1 CKCNTU.0,10 X+11 ,37,610 X+11 ,37,610 X+11 ,AV010,6 CHI-1,CHI+11 CHI,0,10 *+32 CHI-1,CHI+1 *-36 *-3 CHI,24,10 *+24 ERROR,375,9, PUT, 128,8,FORM PUT, 124,8,LEFT PARCNT,1,10 WIOTH,145,8, ***********************************	LEFT PAREN DOES NOT FOLLOW FORMAT AT PAREN INITALIZE WIDTH CHECK ************************************	
LOCTN 12326 12338 12346 12346 12358 12370 12482 12496 12442 12450 12462 12474 12486 12558 12570 12582 12534	OP 111 49 157 16 31 114 47 17 17 11 16 43 12 31 14 46 14 46 14 46 14 46 17	P/L 08183 12290 10104 04876 08183 15138 15138 15139 12450 15138 12406 15139 12486 09084 09084 09084 09081 14453 14512 12570 14453 15138 15138 15139 12570	0 00000 00000 00000 00000 00000 00000 01200 01200 00024 01200 00024 01200 00041 00145 00998 02230 00024 15140 00000 00004 00000 00004 00000 00004 00000 00000 00000 000000	PG/LN 12300 12310 12320 12330 12340 12350 12360 12370 12400 12410 12420 12430 12440 12450 12460 12470 12480 12491 12492 12500 12500 12500 12500 12550 12560 12560	FORM99	AM B DORG TBTM TTRR MEBRE BETM MET BOOM BETM TTRR MEBRE BETM MET BOOM BETM BETM BOOM BETM BETM BETM BETM BETM BETM BETM BET	X+11 ,2,10	LEFT PAREN DOES NOT FOLLOW FORMAT AT PAREN INITALIZE WIDTH CHECK ************************************	
LOCTN 12326 12338 12346 12346 12346 12349 12402 12442 12450 12442 12450 12462 12474 12522 12534	OP 1149 157 1631 331 147 331 49 14 466 17 17 17 11 11 16 43 23 31 14 46 47 17 17 17 11 11 49 11 11 11 11 11 11 11 11 11 11 11 11 11	P/L 08183 12290 10104 04876 08183 15138 15139 12450 15138 12406 15139 12486 09084 09084 09084 09181 14453 14512 12570 14453 15138 15138 15139 12570 12674 09084 14389	0 00000 00000 00000 00000 00000 01200 01200 012140 00000 00024 01200 00128 00128 00128 00124 00001 00145 00998 02230 00024 01200 00000 01100 01100 01100 01100 01100 001100 00001	PG/LN 12300 12310 12320 12330 12340 12350 12360 12370 12480 12490 12440 12450 12490 12490 12500 12510 12550 12550 12550 12550 12550 12560 12570 12580 12580	FORM99	AM B ORD M B O	X+11 ,2,10	LEFT PAREN DOES NOT FOLLOW FORMAT AT PAREN INITALIZE WIDTH CHECK ************************************	
LOCTN 12326 12338 12346 12346 12348 12379 12439 12442 12450 12442 12450 12462 12478 12522 12534 12568 12578 12668	0P 119 1517 16131 1447 149 1446 1717 1116 1643 121 1446 1446 147 1717 1717 1717 1717 1717	P/L 08183 12290 10104 04876 08183 15138 15139 12450 15138 12406 15139 12486 09384 09084 09084 09615 14453 15139 12570 15139 12570 15139 12570 15139 12570 15139 12570 15139 12570 15139 12570 15139 12570 15139 12570 15139 12570 15139 12570 15139 12570 15139	Q 000002 000000 00001 000000 000007 06066 15150 00000 01200 15140 00000 00024 01200 00041 00001 00024 01200 00024 01200 00024 01200 00024 01200 00041 01100 01300 00144 01200 00041 01100 01300 00144 01200 00041 01200 00041 01200 00041 01200 00041 01200 00041 01200 00041 01200 00041 01200 00041 01200	PG/LN 12300 12310 12320 12340 12350 12360 12370 12400 12410 12450 12460 12470 12450 12490 12490 12500 12500 12510 12500	FORM99	AM G G G B T B T T R B C B B T T T T C B T B D C B B T T T T T C B T B D C B B T T T T T C B T B D C B B T T T T T B D C B B T T T T T B D C B C B B B B T T B D C B C B C B C B C B C B C B C B C B	X+11 ,2,10 *-48 *-3 *-3 *-3 *FMSW,1 CKCNTU,0,10 X+11 ,37,610 X+11 ,37,610 X+11 ,AV0ID,6 CHI-1,CHI+11 CHI-1,CHI+11 *-36 *-3 CHI,24,10 *+24 ERROR,375,9, PUT, 128,8,FORM PUT, 124,8,LEFT PARCNT,1,10 WIDTH,145,8, SCALE,998,8 **24,BIGPRT WIDTH,24,10 CHI-1,CHI+1 CHI,0,10 *-24 CHI,41,10,FORM3 *-3 CHI,21,10,FORM7 CHI,24,10	LEFT PAREN DOES NOT FOLLOW FORMAT AT PAREN INITALIZE WIDTH CHECK ************************************	
LOCTN 12326 12338 12346 12358 12370 12382 12394 12408 12440 12442 12450 12462 12452 12594 12510 12522 12534 12566 12618 12630 126674 12686 12674 12686 12674 12686	OP 1149 157 1631 311 1447 311 1447 1717 111 116 46 477 1717 115 114 46 47 47 49	P/L 08183 12290 10104 04876 08183 15138 15138 12406 15138 12406 15138 12406 15138 12406 15138 12406 15138 12406 15139 12453 14512 12570 15138 15139 125139 12674 09084 04488 15139 12573 15138 15139 125139 13082	0 00000 00000 00001 00000 00000 00000 01200 015140 00000 0024 01200 00375 00128 00124 00001 00024 15140 00000 00024 15140 00000 00024 15140 00000 00024 15140 00000 00024 15140 000000 00024 15140 000000 00024 15140 000000 00024 15140 000000 00024 15140 000000 00024 15140 000000 00024 15140 000000	PG/LN 12300 12310 12320 12340 12350 12360 12370 12380 12400 12410 12450 12450 12450 12450 12450 12450 12550 12550 12550 12550 12550 12550 12550 12550 12560 12570 12580	FORM99	AB D T D T F R M R G G G B B B B T T T T C B T B D C B B B B A T T ** T B S T C B C B B B B T B D C B C B C B C B C B C B C B C B C B	X+11 ,2,10 *-48 *-3 *-3 *-3 *FMSW,1 CKCNTU.0,10 X+11 ,37,610 X+11 ,37,610 X+11 ,AV0ID,6 CHI-1,CHI+11 CHI,0,10 *+32 CHI-1,CHI+1 *-36 *-3 CHI,24,10 *+24 ERROR,375,9, PUT, 128,8,FORM PUT, 124,8,EFFT PARCNT,1,10 WIDTH,145,8, ***********************************	LEFT PAREN DOES NOT FOLLOW FORMAT AT PAREN INITALIZE WIDTH CHECK ************************************	
LOCTN 12326 12338 12346 12348 12358 12370 12382 12394 12400 12442 12450 12452 12534 12510 12522 12534 12566 12618 12630 12642 12656 12674 12666 12674 12666	OP 1149 1571631311447117111166433111466477117111166447171156499146644771159464647711594946644746464464464464464464464464464464446446	08183 12290 10104 04876 08183 08183 15138 12450 15138 12406 15138 12406 15139 12486 09384 09084 09084 09084 15139 14512 12570 14453 15138 15138 15138 15138 15138 15138 15138 15138 15138 15139 12570 15139 15139 15139 15139 15139 15139 15139 15139 15139 15139 15139 15139 15139 15139	Q 00000 00001 00000 00000 00000 00000 01200 015140 00000 0024 01200 00375 00128 000124 00001 00145 00001 00140 00000 00240 01200 00041 01100 01300 00041 01100 01300 00061 01100 00061 01200 00061 01200 00061 01200 00061 01200 00061	PG/LN 12300 12310 12320 12340 12350 12360 12370 12400 12410 12420 12430 12440 12450 12470 12480 12491 12495 12460 12500 12500 12510 12520 12530 12540 12550 12560 12570 12580 12590 12610 12620	FORM99	AM GO	X+11 ,2,10 *-48 *-3 *-3 *-3 *FMSW,1 CKCNTU.0,10 X+11 ,37,610 X+11 ,37,610 X+11 ,AV0ID,6 CHI-1,CHI+11 CHI,0,10 *+32 CHI,24,10 *+24 ERRIR,375,9 PUT, 128,8,FORM PUT, 124,8,LEFT PARCNT,1,10 MIDTH,145,8, ***********************************	LEFT PAREN DOES NOT FOLLOW FORMAT AT PAREN INITALIZE WIDTH CHECK ************************************	
LOCTN 12326 12338 12346 12358 12370 12382 12394 1240 12442 12450 12462 12474 12486 12510 12522 12534 12546 12558 12570 12688 12698 12674 12686 12674 12686 12674 12686 12674 12686 12674 12688 12734	OP 1149 1571631311447117111166433111466477117111166447171156499146644771159464647711594946644746464464464464464464464464464464446446	P/L 08183 12290 10104 04876 08183 15138 15139 12450 15138 12406 15139 12484 09084 09084 09084 15453 14512 12570 14453 15138 15138 15138 15138 15138 15138 15138 15138 15138 15138 15138 15138 15138 15139 12570 15139 12910 12674 09084 14389 13082	Q 00000 00000 00001 00000 00000 00000 01200 015140 00000 0024 01200 00375 00128 00001 000128 00024 15140 00001 00024 15140 00000 00024 15140 00000 00024 15140 00000 00024 15140 00000 00024 15140 00000 00024 15140 00000 00024 01200 00021 01200 00024 01200 00024 01200 00024 01200 00024 01200 00024 01200 00024 01200 00020 01200	PG/LN 12300 12310 12320 12340 12350 12360 12370 12380 12390 12410 12420 12450 12450 12460 12470 12480 12491 12495 12491 12550 12550 12550 12550 12550 12560 12570 12580 12590 12600 12610 12620 12630	FORM99	A B D T B T F R M R G M R M M R M M R M M R M M R M M R M M M R M	X+11 ,2,10	LEFT PAREN DOES NOT FOLLOW FORMAT AT PAREN INITALIZE WIDTH CHECK ************************************	
LOCTN 12326 12338 12346 12346 12348 12358 12370 12422 12450 12450 12452 12534 12570 12522 12534 12566 12618 12654 12666 12618 126674 126674 126674 12668 12678 12750	OP 1149 15716 311314 47117 1116 6432 311446 4467 1715 49 14646 14646 14646 14646 14646 14646 14646 14646 14646 14646 14646 14661 14646 146	08183 12290 10104 04876 08183 08183 15138 12450 15138 12406 15138 124463 14453 14453 14453 14512 12570 14453 15138 15138 15138 15138 15138 15138 15138 15138 15138 15138 15138 15138 15138 15139 12570 15139 12570 15139 12570 15139 12782 09384	Q 00000 00000 00001 00000 00000 00000 01200 015140 00000 0024 01200 00128 00128 0001 00145 00001 00145 00001 00100 01200 00041 01100 01300 00041 01100 01300 00041 01200 00061 01200 00061 01200 00061 01200 00061 01200 00061 01200 00061 01200 00061 01200 00061 01200 00061 01200 00061 01200 00061 01200 00061 01200 00061	PG/LN 12300 12310 12320 12340 12350 12360 12370 12380 12400 12410 12420 12430 12440 12450 12460 12470 12480 12491 12495 12491 12500 12510 12520 12530 12560 12560 12570 12640 12670 12680 12670 12680	FORM99 ****** FORM1	AB D T B T R B C B B B B B B T T S B S T C B C B B B B C B C B C B B B B B C B C B C B B B B B C B C B C B B B B B C B C B C B B B B B C B C B C B B B B C B C B C B B B C B C B C B B C B B C B C B C B C B B C B	X+11 ,2,10	LEFT PAREN DOES NOT FOLLOW FORMAT AT PAREN INITALIZE WIDTH CHECK ************************************	
LOCTN 12326 12338 12346 12346 12358 12370 12382 12394 12450 12452 12450 12452 12534 12510 12522 12534 12546 12558 12570 12582 12594 12566 12618 12630 12622 12724 12486 12570 12582 12594 12570 12582 12594 12570 12582 12594 12570 12582	OP 1149 15716311447117111166432111446477115949914466447711594944667144664477159494466447715949446644677311446644677314466446773144664467731446644677314466446777314664467773146644677731466446777314664467773146644677731466446777314664467773146644677731466446777314664467773146644677731466446777314664467777314664467777778787878788788788878888888888	P/L 08183 12290 10104 04876 08183 15138 15139 12450 15138 12406 15139 12484 09084 09084 09084 14453 15138 15139 12570 14453 15138 15139 12570 12674 09084 14389 13082	Q 00000 00000 00001 00000 00000 00000 01200 015140 00000 0024 01200 00124 00001 00125 00124 00001 001200 00024 15140 00000 0024 15140 00000 0024 15140 00000 0024 15140 00000 0024 15140 00000 01200 00024 01200 00024 01200 00024 01200 00024 01200 00024 01200 00025 01200 00026 01200 00027 15140 000000 00027 15140 000000	PG/LN 12300 12310 12320 12340 12350 12360 12370 12380 12390 12410 12420 12450 12450 12460 12470 12480 12491 12495 12491 12550 12550 12550 12560 12570 12580 12590 12600 12710 12620 12730	FORM99 ****** FORM1	ABD TBTRRMEM R G G W **	X+11 ,2,10 *-48 *-3 FMSW,1 CKCNTU.0,10 X+11 ,37,610 X+11 ,37,610 X+11 ,AV0ID,6 CHI-1,CHI+11 CHI,0,10 *+32 CHI,24,10 *+24 ERROR,375,9, PUT, 128,8,FORM PUT, 124,8,LEFT PARCNT,1,10 WIDTH,145,8, ***********************************	LEFT PAREN DOES NOT FOLLOW FORMAT AT PAREN INITALIZE WIDTH CHECK ************************************	
LOCTN 12326 12338 12346 12358 12370 12382 12394 12450 12452 12450 12452 12450 12452 12534 12510 12522 12534 12546 12558 12570 12582 12564 125646 12674 12686 12674 12686 12674 12687 1270 12782 12794 12746	OP 1149 1571631144717711166 16432114464477159 146444677159 14644677159 14644677159	P/L 08183 12290 10104 04876 08183 08183 15138 15138 12406 15138 124453 14453 14453 14512 12570 14453 15138 12570 15139 12570 15139 12570 15139 12570 15139 12712 15139 12712 15139 12712 15139 12712 15139 12712 15139 12712 15139 12712 15139 12712 15139 12712 15139 12712 15139 12712 15139 12712 15139 12712 15139 12712 15139 12712 15139 12712 15139 12712 15139 12712	Q 00000 00000 00001 00000 00000 00000 01200 015140 00000 0024 01200 00128 00124 00001 00145 00001 00145 00001 00000 01200 00041 01100 01300 00041 01100 01300 00041 01100 00000 01200 000000 01200 000000 01200 000000 01200 000000 01200 000000 01200 00000000	PG/LN 12300 12310 12320 12340 12350 12360 12370 12360 12410 12450 12440 12450 12450 12460 12470 12480 12491 12495 12491 12500 12510 12520 12530 12560 12560 12560 1260 12670 12680 12690 12710 12720 12730 12730	FORM99 ****** FORM1 SLASH	ABDTBTRRMER G W** . BBBBBAT** F** BDMRMEMH MM G G G BBBBBAT** F** BDMRMEMH MM G G G BCBCBCBCBCBCBCBCBCBCBCBCBCBCBCBCB	X+11 ,2,10	LEFT PAREN DOES NOT FOLLOW FORMAT AT PAREN INITALIZE WIDTH CHECK ************************************	
LOCTN 12326 12338 12346 12358 12379 12382 12394 12400 12442 12450 12450 12452 12534 12510 12522 12534 12566 12418 12570 12526 125646 12558 12570 12522 125466 12674 12676 12678 12710 12722 12734 12746	OP 1149 15716 1176 1176 1176 1176 1176 1176 117	P/L 08183 12290 10104 04876 08183 08183 15138 15138 12406 15139 12486 09084 09084 09084 09084 14453 15138 15138 15138 15138 15138 15139 12570 15139 12570 15139 12770 15139 127782	Q 00000 00000 00001 00000 00000 00000 01200 015140 00000 0024 01200 00375 00124 00001 00125 00001 00120 00120 00120 00120 00120 00000 01200 00000 01200 00000 01200 00000 01200 00000 01200 00000 01200 00000 01200 00000 01200 000000 01200 000000 01200 0000000 01200 000000 01200 000000 01200 000000 01200 000000 01200 000000 01200 000000 01200 000000 01200 000000 01200 000000 01200 0000000 01200 000000 01200 000000 01200 000000 01200 000000 01200 000000	PG/LN 12300 12310 12320 12340 12350 12360 12370 12380 12400 12410 12450 12450 12450 12450 12450 12460 12500 12510 12500	FORM99 ****** FORM1 SLASH	ABD TBTRR MER G G M **: M ROMEMEN BBBBBAT**F ** DMRMEMHLMM G G BBBCBCBCBCBCBCBCBCBCBCBCBCBCBCBCBCB	X+11 ,2,10	LEFT PAREN DOES NOT FOLLOW FORMAT AT PAREN INITALIZE WIDTH CHECK ************************************	
LOCTN 12326 12338 12346 12358 12379 12382 12394 12450 12452 12450 12452 12556 12570 12462 12556 12570 12522 12534 12566 12674 12686 12674 12674 12686 12674 12674 12674 12674 12758 12770 12782 12794 12806 12878 12830	OP 149 157 16 144 17 17 111 16 16 43 12 11 44 17 17 17 11 11 11 11 11 11 11 11 11 11	P/L 08183 12290 10104 04876 08183 15138 15138 15139 12450 15138 12406 15139 12486 09084 09084 09615 14453 14512 12570 15138 15139 12782 15139 12782 15139 12782 15139 12782 15139 12782 15139 12782 15139 12782 15139 12782 15139 12782	Q 000002 000000 00001 000000 000007 06066 15150 000000 01200 15140 00000 0024 01200 00375 00124 00120 00024 15140 00000 00024 15140 00000 00024 15140 00000 00024 15140 00000 00024 15140 000000 00024 01200 00024 01200 00024 01200 00024 01200 00024 01200 00026 01200 00027 01200 00069 01100 00069 01100 00069 01100 00067 01200 00067 01200 00067 01200 00067 01200	PG/LN 12300 12310 12320 12330 12340 12350 12360 12370 12380 12400 12410 12420 12430 12440 12450 12460 12470 12480 12491 12492 12500 12510 12520 12530 12540 12570 12580 12560 12570 12580 12570 12680 12770 12480 12770 12770 12770	FORM99 ****** FORM1 SLASH	ABD TBTRRMER OME MM ROMEMENT BOOKEMEMEMEMEMEMEMEMEMEMEMEMEMEMEMEMEMEME	X+11 ,2,10	LEFT PAREN DOES NOT FOLLOW FORMAT AT PAREN INITALIZE WIDTH CHECK ************************************	
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1620 FORTRAN II-D
****
                                          PHASE 1-B
                                                                                                                      NOVEMBER, 1966
                                                                                                                                                     PAGE 24
LOCTN OP
                P/L
                            ۵
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****
           1620 FORTRAN II-D
                                          PHASE 1-B
                                                                                                                     NOVEMBER, 1966
                                                                                                                                                    PAGE 25
LOCTN OP
               P/L
                            Q
                                           PG/LN LABEL MNEM OPERANDS AND REMARKS
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DORG *-3
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1620 FORTRAN II-D
                                                   PHASE 1-B
                                                                                                                                                 NOVEMBER, 1966
                                                                                                                                                                                        PAGE 26
                                                      PG/LN LABEL MNEM OPERANDS AND REMARKS
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****
               1620 FORTRAN II-D
                                                    PHASE 1-B
                                                                                                                                                 NOVEMBER, 1966
                                                                                                                                                                                        PAGE 27
LOCTN
                    P/L
                                    Q
                                                      PG/LN LABEL MNEM OPERANDS AND REMARKS
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14730
14740
                                                                                         CONTEN
                                                                                BE
10620
                    10081
                                                                                         SYM,CTION+8
                                                      14740
14750
14760
14770
14780
14790
10632
10644
10656
10668
                    13728
04696
10081
04300
                                01200
000<del>0</del>7
13727
01400
                                                                                        COLNAM,7,10
SYM,ROUTN+12
ERRO1
                                                                                C
BV
            46
24
46
10680
                    13194
                                01200
                                                                                ΒE
                                                                                         SHBPA
10692
10704
                    10081
                                14489
01200
                                                      14800
14810
                                                                                        SYM,DEFCT+12
DEFINE
                                                                                C
B E
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****	1	620 FOR	TRAN II-D	PHASE	1 - B				NOVEMBER, 1966	PAGE 28	
LOCTN	0P	P/L	Q	PG/LN	LABEL	MNEM	OPERANDS AND REM	MARKS			
10716	24	10081	10785	14811 14812	*****	*****		*********** •••CHECK FOR	********************	****	
10728	47 17	10786	01200 0 0 154	14813		BNE BTM	EQUIVN		SIN TRACE SYMBOL		
10752 10764	17	09084 02626	00140	14815 14816		BTM B7	PUT,140,8 BEGIN	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	THE TRACE STINGS		
10773	.,	00007	Х2	14817 14818	BGTR *	DAC	7, INTRACE,				
10786	17	04696	000 0 8	14820 14830	****	Е	NTER TO DECOMPOSE COLNAM,8,10	E EQUIVALENCE	STATEMENTS *****		
10798 10810	24 46	10081 04300	13193 01400	14840 14850		C BV	SYM, IVALEN+14 ERRO1				
10822 10834	47 31	04300 15138	01200 15154	14860 14870		BNE TR	ERRO1 CHI-1,CHI+15				
10846 10858	33 15	05675 10110	00000 0000 1	14880 14890	EQR	CF TDM	STSN EQUSW,1,11,		CH INDICATING EQUIV ST	ATEMENT	
10870	15	12651	00000	14900 14910		T D M D C	PR,,, 1,0,*	INITIAL	ZE PR		
10882	14 46	15139	000 2 4 01200	14920 14930		CM BE	CHI,24,10 *+24,				
10906 10918 10930	16	09384 06049 06049	00 0 72 1-5139	14940 14950	501	BTM TFM	ERROR,72,9, SCHI,CHI				
10942	11 14 46	06049 10978	000 0 2 000 4 0 01100	14960 14970 14980	EQ1	AM CM BH	SCHI,2,10 SCHI,40,610 *+24				
10966	17 14	09384 0604 9	00±70 00069	14990 15000		BTM CM	ERROR, 170,9, SCHI, 69,610	INVALID	VAR		
10990	46	10966 05738	01100 ±1014	15010 15020		BH BTM	*-24 CSORN,*+12,,	en in co	DLLECT NAME		
11014 11026	43	11046 02372	02611 000 0 5	15030 15040	E83230	BD	*+32,INSW,, NXLOC,5,10,	TEST IF	SYM PREVIOUSLY DEFINED OT PREV DEFINED, SAVE		
11038 11046	49	11146	00000	15050 15060		B DORG	E021,,,	OFFSET \			
11046 11058	43 44	11146 11146	0729 5 0791 9	15070 15080		BD BNF	E021,SMCNT,11, E021 ,MODAD,11,	, TEST IF	R DIM VAR SYM WAS PREVIOUSLY EQU	IV	
11070 11082	44 49	11090 11146	0729 5 00000	15090 15100		BNF B	*+20 ,SMCNT,11, E021	, TEST IF	VAR WAS IN COMMON		
11090 11090	21	02372	05965	15110 15120		DORG	NXLOC, SMLNG				
111102	26 26 49	0237 2 0724 2	10081	15130 15140		TF	NXLOC,SYM,6, SMADD,NXLOC,6,		NAME INTO TABLE SYM ADD INTO TABLE		
11126 11134 11134		11026 09384	00000	15150 15160		DORG		*******	NAME 11050 THE SHAREST THE		
11146	17 43 11	11134	00171 10102 00001	15170 15180	EQ21	BTM BD	ERROR, 171,9, *-12, FNTSW,,		NAME USED IN FUNCTION FUNCTION NAME IN EQUI	VALENCE	
11170	45 49	11190	0729 5 00000	15190 15200 15210		AM BNR B	SMCNT,1,10 *+20,SMCNT,11,	TEST FOR	DUMMY PARAMETERS OF S	UBPROGRAM	
11190	11	07295	00000	15220 15230		DORG AM	E021-12 *-3 SMCNT,01,10				
11202 11214	45	11222	0729 5 00000	15240 15250		BNR B	*+20,5MCNT,11,	TEST FOR	SUBPROGRAM NAME IN SU	BPRUGRAM	
11222 11222	12	07295	00000	15260 15270		DORG SM					
11234 11246	45 49	11254 11826	12651 00000	15280 15290		BNR B	*+20,PR,,	TEST FOR	FIRST NAME ON LIST		58
11254				15300		DORG	*-3				20
									i		
****	1	620 FOR	TRAN II-D	PHASE	1-B				NOVEMBER, 1966	PAGF 29	
LOCTN	0P	P/L	Q	PG/LN	LABEL	MNEM	OPERANDS AND REM	MARKS	, , , , , , , , , , , , , , , , , , , ,		
11254	24	06451	06453	15310		С	MODE, FXORFL,,	TEST FOR	MIXED FOULV		
11266 11278	46 24	11314 02298	01200 02252	15320 15330		BE C	*+48 FP2,KLNG,,	TEST FOR	K EQUAL TO F+2 IN MIX	ED EOUIV	
11290	46 17	11314 09384	01200 00±72	15340 15350		BE BTM	*+24 ERROR,172,9,				
11314 11326 11338	44 44 44	12274 11382 11362	0791 9 0729 5	15360 15370		BNF	E022, MODAD, 11, *+56, SMCNT, 11,	BRANCH I	SYM HAD BEEN PREVIOUSL F SYM IS NOT IN COMMON		
11350	17	09384 11350	12651 00 1 73 12650	15380 15390 15400		BNF BTM BNF	*+24,PR,, ERROR,173,9, *-12,PR-1,,	ILLEGAL	PREVIOUS SYM WAS IN CO EQUIVALENCE PREV SYM WAS EQUIV	MMUN	
11374	49	11826	00000	15410 15420		B DORG	EQ7	1621 16	PREV SYM WAS EQUIV		
11382 11394	44 14	11770 0604 9	08124 000 2 4	15430 15440	E024	BNF CM	EQ4,DMVAR,, SCHI,24,610	TEST FOR	DIM VAR, BRANCH IF NO	т	
11406 11418	47 11	11666 06049	01200 000 0 2	15450 15460		BNE AM	EOBR+8 SCHI,2,10		,		
11430 11442	16 14	11664 0604 9	11678 000 6 9	15470 15480		TFM CM	E0BR+6,E0BR+20 SCHI,69,610				
11454	46 17	11478 09384	01100 00 0 75	15490 15500		BH BTM	*+24 ERROR,75,9,	INCORREC	T SUBSCRIPTING		
11478		10078 11520	00000 10077	15510 15520		TFM	SYM-3,0,7 *+30,SYM-4				
11502	11 25	00000	000 0 1 0604 9	15530 15540	E023	AM TD	*+18,1,10 ,SCHI,11,	COLLECT	INDEX		
11526	11	06049 0604 9	000 0 2 000 6 9	15550 15560		AM CM	SCHI,2,10 SCHI,69,610				
11550 11562 11574	47 14	11598 11520 11502	01100 10081 01200	15570 15580		BNH CM	*+48 E023+6,SYM				
11586	47 17 26	09384 10081	00 0 75 1152 0	15590 15600 15610			EQ23-12 ERROR,75,9 SYM,EQ23+6,11,				
11610 11621	32	10077	00000	15620 15630	SAVE1	SF DS	SYM-4				
11622	14 47	0604 9 11586	000 0 4 01200	15640 15650	SAVEI	CM BNE	SCHI,4,610, *-48	TEST FOR	RIGHT PAREN		
11646 11658	11 49	06049 11678	000 0 2 00000	15660 15670	EQBR	AM B	SCHI,2,10 *+20				
11666 11666	16	10081	00001	15680 15690		DORG TFM	*-3 SYM•1•				
11678 11690	43 44	11770 11710	12651 12651	15700 15710		BD BNF	E04,PR,, *+20,PR	TEST IF	PREVIOUS SYM WAS DIM V	AR	
11702 11710	49	11770	00000	15720 15730		B DORG	EQ4 *-3				
11710	26	11770 09035	12650 07242	15740 15750		BNF TF	E04,PR-1,, REF,SMADD,	TEST IF	PREVIOUS SYM WAS EQUIV		
11734	25 25	12651	0729 5 0791 9	15760 15770		TD TD	PR,SMCNT,11, PR-1,MODAD,11,	SAVE INC			
11758	26 14	02620 0604 9	10081 000 0 4	15780 15790	EQ4	T.F.	TEMP,SYM,, SCHI,4,610,	SAVE OFF			
11782	46 14 46	12306 0604 9 10930	01200 000 2 3 01200	15800 15810		B E C M	EQLOOP,,, SCHI,23,610	END OF L	.131		
11806 11818	49	10930	00000	15820 15830 15840		B E B DORG	E01 E01-24 *-3				
11876											
11826 11826 11838	25 33	06451 06451	0791 9 00000	15850 15860	EQ7	TD CF	MODE,MODAD,11,	SET FIX	OR FLOAT		
11826				15850		CF	MODE, MODAD, 11,	SET FIX	OR FLOAT		59

****	1	620 FOR	TRAN II-D	PHASE	1-B			NOVEMBER, 1966 PAGE 30	
LOCTN	OP	P/L	Q	PG/LN	LABEL	MNEM	OPERANDS AND REMARKS		
11850 11862	26 25	09035 12650	07242 0791 9	15880 15890		T F T D	REF,SMADD, PR-1,MODAD,11		
11874 11886	25 43	12651	0729 5 12651	15900 15910		TD BD	PR,SMCNT,11 *+32 ,PR,,	TEST FOR DIM VAR	
11898 11910 11918	16 49	02620 12010	0 0001 00000	15920 15930 15940		TFM B DORG	TEMP,1 E84130		
11918 11930	14 47	0604 9 11898	000 2 4 01200	15950 15960		CM BNE	SCHI,24,610 *-32		
11942 11954	11 14	06049	000 0 2 000 6 9	15970 15980		AM CM	SCHI,2,10 SCHI,69,610		
11966 11978	47	11466 11664	01100 1 1998	15990 16000			EQ23-48 EQBR+6,*+20		
11990 11998	49	11478	00000	16010 16020		B DORG	E023-36,,, *-3	GO TO COLLECT SUBSCRIPTING	
11998 12010	26 44	02620 12030	10081 0791 9	16030 16040	E84130		TEMP,SYM *+20,MODAD,11,	TEST IF VAR PREVIOUSLY EQUIVALENCED	
12022 12030 12030	49 26	11770	00000 07295	16050 16060 16070		B DORG TF	EQ4 *-3 *+30,SMCNT	•	
12042 12054	11	12060	000 0 3	16080	F84180	AM	*+18,3,10 ,0,9,	TEST IF PREVIOUSLY FOULV SYM WAS A BASE	
12066 12078	46 43	11770 12230	01200 0729 5	16100 16110		BE BD	E04 E84330,SMCNT,11,	TEST FOR DIM VAR	
12090 12102	26 11	12125 12125	0724 2 000 0 5	16120 16130		T F A M	*+35,SMADD,11 *+23,5,10		
12114	21 26	02620 08519	00000	16140 16150	E84240		TEMP,,, ADSAVE,STBL	GENERATE OFFSET TO PREVIOUS BASE	
12138 12150 12162	22 11 26	08518 08518 09035	1206 0 000 0 1 08519	16160 16170 16180		S. AM TF	ADSAVE-1,1,10	, GEN ADDRESS OF BASE	
12174 12186	12 25	08519 12650	000 0 4 0851 9	16190 16200		SM TD	REF,ADSAVE ADSAVE,04,10 PR-1,ADSAVE,11,	SAVE FIX OR FLOAT	
12198 12210	11 25	08519 12651	000 0 1 0851 9	16210 16220		AM TD	ADSAVE,1,10 PR,ADSAVE,11,	SAVE DIM INDICATOR	
12222 12230	49	11770	00000	16230 16240		B DORG	E04 *-3		
12230 12242	12 26	07242 12265	000 0 5 07242	16250 16260	E84330	TF	SMADD,05,10 *+23,SMADD		
12254	21 49	02620 12 1 26	00000	16270 16280		A B	TEMP,,, E84240	GEN NEW OFFSET	
12274 12274 12286	44	11350 11826	12650 12651	16290 16300	E022	DORG BNF	E024-32,PR-1,,	ENTER FROM E83500, BR TO ERROR IF PREV	
12298 12306	49	11350	00000	16310 16320 16330		BNF B DORG	E07,PR,, E024-32 *-3	SYM WAS FOUIVALENCED OR IN COMMON	
12306 12318	16 26	06049 12365	±5139 02377	16340 16350	EQLOOP		SCHI,CHI,, EBASE,STBL	ENTER HERE AFTER EQUIV STATEMENT HAS	
12330 12342	22 11	12365 12364	09035 000 0 1	16360 16370		S AM	EBASE,REF EBASE-1,1,10		
12354 12365	32	12362	00000	16380 16390	EBASE	SF DS	EBASE-3		
12366 12378 12390	11 17 44	06049 05738 13098	000 0 2 1 2390 0791 9	16400 16410 16420		AM BTM BNF	SCHI,2,10, CSORN,*+12,	BEEN SCANNED ONCE TO DETERMINE BASE	
12402 12414	24 46	07242 12686	09035 01200	16430 16440		C BE	E84804,MDDAD,11, SMADD,REF,, E84695	IF SYM WAS PREV EQUIV IT MUST BE THE BASE OF THE PRESENT EQUIV	60
							•		
	,	420 F0D	TO AN II O	DUACE	1.0				
***** LOCTN		620 FOR P/L	TRAN II-D	PHASE PG/LN	1-B LABFL	MNEM	OPERANDS AND REMARKS	NOVEMBER, 1966 PAGE 31	
LOCTN 12426	ΠP 43	P/L 12542	ດ 0729 5	PG/LN 16450		BD	E84560,SMCNT,11,		
LOCTN 12426 12438 12450	NP 43 26 11	P/L 12542 08519 08519	Q 0729 5 0724 2 000 0 5	PG/LN 16450 16460 16470		BD TF AM	E84560,SMCNT,11, ADSAVE,SMADD,11, ADSAVE,5,10,		
LOCTN 12426 12438 12450	ΠP 43 26	P/L 12542 08519 08519	Q 0729 5 0724 2	PG/LN 16450 16460		BD TF	E84560,SMCNT,11, ADSAVE,SMADD,11, ADSAVE,5,10, ADSAVE,1,6711, ADSAVE,TEMP.6,		
12426 12438 12450 12462 12474 12486 12498 12510	0P 43 26 11 16 21 11 26 44	P/L 12542 08519 08519 08519 08519 07242 07242	Q 07295 07242 00005 00001 02620 00005 12364 12651	PG/LN 16450 16460 16470 16480 16490 16500 16510 16520		BD TF AM TFM AM TF BNF	E84560,SMCNT,11, ADSAVE,5MADD,11, ADSAVE,5,10, ADSAVE,1,6711, ADSAVE,TFMP,6, SMADD,5,10 SMADD,EBASE-1,6 E84710,PR	TEST FOR DIM VAR	
LOCTN 12426 12438 12450 12462 12474 12486 12498 12510 12522 12534	0P 43 26 11 16 21 11 26	P/L 12542 08519 08519 08519 08519 07242 07242	Q 07295 07242 00005 00001 02620 00005 12364	PG/LN 16450 16460 16470 16480 16500 16510 16520 16530 16540		BD TF AM TFM AM TF BNF SF B	E84560,SMCNT,11, ADSAVE,5MADD,11, ADSAVE,5,10, ADSAVE,1,6711, ADSAVE,1FMP,6, SMADD,5,10 SMADD,5,10 SMADD,FBASE-1,6 E84710,PR SMCNT,16 E84710	TEST FOR DIM VAR	
LOCTN 12426 12438 12450 12462 12474 12486 12498 12510 12534 12542	11 16 21 11 26 44 32 49	P/L 12542 08519 08519 08519 07242 07242 12926 07295 12926	0 07295 07242 00005 00004 02620 00005 12364 12651 00000 00000	PG/LN 16450 16460 16470 16480 16500 16510 16520 16530 16540 16550		BD TF AM TFM A AM TF BNF SF B DORG CM	E84560,SMCNT,11, ADSAVE,SMADD,11, ADSAVE,5,10, ADSAVE,1,6711, ADSAVE,TEMP,6, SMADD,5,10 SMADD,5,10 SMADD,FBASE-1,6 E84710,PR SMCNT,6 E84710 **-3 SCHI,24,610	TEST FOR DIM VAR	
LOCTN 12426 12438 12450 12462 12474 12486 12510 12522 12534 12542 125542 12566	0P 43 26 11 16 21 11 26 44 32 49	P/L 12542 08519 08519 08519 07242 07242 07242 12926 07295 12926	Q 07295 07242 00005 60004 02620 000065 12364 12651 00000 00000 00000	PG/LN 16450 16460 16470 16480 16490 16510 16520 16530 16540 16550	LABFL	BD TF AM TFM A M TF BNF SF B DORG CM BE TFM	E84560,SMCNT,11, ADSAVE,SMADD,11, ADSAVE,5,10, ADSAVE,1,6711, ADSAVE,TFMP,6, SMADD,510 SMADD,510 SMADD,EBASE-1,6 E84710,PR SMCNT,16 E84710 *-3 SCHI,24,610 *+32 SYM,1,711	TEST FOR DIM VAR	
LOCTN 12426 12438 12450 12462 12474 12486 12510 12522 12534 12542 125542 12566 12586	11 16 21 11 26 44 32 49 14 46 16 49	P/L 12542 08519 08519 08519 07242 07242 12926 07295 12926 06049 12586 10081 12630	Q 07295 07242 00005 00005 02620 00005 12364 12651 00000 00000 000024 01200	PG/LN 16450 16460 16470 16480 16510 16510 16520 16550 16550 16550 16560 16580 16580 16560	LABFL	BD TF AM TFM A AM TF BNF SF B DORG CM BE	E84560,SMCNT,11, ADSAVE,5MADD,111, ADSAVE,5,10, ADSAVE,1,6711, ADSAVE,TFMP,6, SMADD,5,10 SMADD,5,10 SMADD,FBASE-1,6 E84710,PR SMCNT,,6 E84710,PR SMCNT,,6 E84710 *-3 SCHT,24,610 *+32 SYM,1,711 *+52	TEST FOR DIM VAR	
LOCTN 12426 12438 12450 12462 12474 12486 12510 12522 12534 12542 12556 12578 12586 12586 12586	11 16 21 11 26 44 32 49 14 46 16	P/L 12542 08519 08519 08519 08519 07242 07242 12926 07295 12926 06049 12586 10081	Q 07295 07242 00005 40004 02620 00005 12364 12651 00000 00000 000024 012200 40004 00000	PG/LN 16450 16460 16470 16480 16510 16520 16530 16540 16570 16580 16590 16610 16620	LABFL	BD TAM TEM AM TEM SF B DORG CM BE TEM B DORG AM B DORG AM B DORG B DORG	E84560,SMCNT,11, ADSAVE,SMADD,11, ADSAVE,5,10, ADSAVE,1,6711, ADSAVE,1,6711, ADSAVE,TFMP,6, SMADD,510 SMADD,EBASE-1,6 E84710,PR SMCNT,16 E84710 *-3 SCH1,24,610 *+32 SYM,1,711 *+52 *-3 SCH1,2,10 E0BR+6,*+20 E023-36	TEST FOR DIM VAR	
LOCTN 12426 12438 12450 12462 12474 12486 12510 12522 12534 12542 125542 12556 12578 12586 12586 12586 12586 12586	0P 43 26 11 16 21 11 26 44 32 49 14 46 49 11 16 49 32	P/L 12542 08519 08519 08519 07242 07242 12926 07295 12926 10081 12630 06049 11664 11478	Q 07295 07242 00005 400004 02620 00005 12364 12651 00000 00000 00002 401200 400004 00000 000002 00002 42618 00000	PG/LN 16450 16470 16480 16490 16510 16520 16550 16560 16560 16570 16660 16610 16620	LABFL	BD TAM TEM A AM TF BNF SF BORG CM BE TFM BORG AM TFM BORG SF	E84560.SMCNT,11, ADSAVE,SMADD,11, ADSAVE,S5,10, ADSAVE,1,6711, ADSAVE,TFMP,6, SMADD,510 SMADD,EBASE-1,6 E84710,PR SMCNT,16 E84710 *-3 SCH1,24,610 *+32 SYM,1,711 *+52 *-3 SCH1,2,10 E0GR+6,*+20 E0GR+6,*+20 E023-36 *-3 SYM	TEST FOR DIM VAR PLACE OFF SET INTO TABLE	
LOCTN 12426 12438 12450 12462 12474 12486 12510 12534 12554 12554 12556 12586 12586 12586 12586	11 16 21 126 44 32 49 14 46 49 11 16 49	P/L 12542 08519 08519 08519 07242 07242 12926 07295 12926 06049 12586 10081 12630 06049 11678	Q 07295 07242 00005 00001 02620 00005 12364 12651 00000 00000 00004 01200 00001 00000 00002 12618 00000	PG/LN 16450 16470 16480 16490 16510 16520 16530 16550 16560 16560 16560 16660 16660	LABFL F84560	BTF AM TFM AM TFF BSF BDOM BFF BOAM TF TF TF TF TF TF TF TF TF TF TF TF TF	E84560.SMCNT,11, ADSAVE,SMADD,11, ADSAVE,SMADD,11, ADSAVE,15,10, ADSAVE,15,71, ADSAVE,TFMP,6, SMADD,5,10 SMADD,EBASE-1,6 E84710,PR SMCNT,16 E84710 *-3 SCHI,24,610 *+32 SYM,1,711 *+52 *-3 SCHI,2,10 E0BR+6,**+20 E022-36 *-3 SYM SYM,TEMP,, SMADD,05,10	TEST FOR DIM VAR	
LOCTN 12426 12438 12450 12462 12474 12486 12510 12522 12534 12542 125542 12556 12578 125186 12586 12598 12610 12618 12630 12618	0P 43 26 11 16 21 11 26 44 32 49 14 46 46 49 11 16 49 32 21	P/L 12542 08519 08519 08519 07242 07242 12926 07295 12926 06049 12586 10081 12630 06049 11478	Q 07295 07242 00005 00005 00006 12364 12651 00000 00000 00024 01200 00000 00002 42618 00000 00000 00000 00000 00000	PG/LN 16450 16470 16480 16500 16510 16520 16520 16540 16570 16580 16560 16570 16600 16610 16620 16630	LABFL	BD TF AM TFM AM TF BNF SF BDORG CM BE TFM BDORG TFM BDORG TFM BDORG SF	E84560,SMCNT,11, ADSAVE,SMADD,11, ADSAVE,5,10, ADSAVE,1,6711, ADSAVE,1,6711, ADSAVE,TFMR,6, SMADD,5,10 SMADD,FBASE-1,6 E84710,PR SMCNT,6 E84710 *-3 SCHI,24,610 *+32 SYM,1,711 *+52 *-3 SCHI,24,610 E08R+6,*+20 E023-36 *-3 SCHI,2,10 E08R+6,*+20 E023-36 *-3 SYM,TEMP,,	TEST FOR DIM VAR PLACE OFF SET INTO TABLE	
LOCTN 12426 12438 12450 12462 12474 12486 12510 12522 12534 12542 125542 12556 12578 12586 12686 12686	11 11 126 444 329 14 466 49 32 21 12 26 11 49	P/L 12542 08519 08519 08519 08519 07242 12926 07295 12926 06049 112630 06049 11478 10081 10081 107242 00000 07242 12498	0 07295 07242 00005 400004 02620 00005 12364 12651 00000 00000 00002 401200 40000 00000 00002 42618 00000 00000 00005 10081 00000	PG/LN 16450 16470 16480 16490 16510 16520 16550 16560 16570 16660 166700 16680 166700 16710	LABFL	BD TFAM TFA AM TFA BNF BD DGG GM TFM BD DGG AM TFM BD DGG AM TFM BD DGG AS SM STFAM BD DGG BD	E84560.SMCNT,11, ADSAVE,SMADD,11, ADSAVE,SMADD,11, ADSAVE,SF,10, ADSAVE,I,6711, ADSAVE,TFMP,6, SMADD,510 SMADD,EBASE-1,6 E84710,PR SMCNT,16 E84710 *-3 SCH1,24,610 *+32 SYM,1,711 *+52 SYM,1,711 *+52 SYM,1,710 E0GR+6,*+20 E0GR+6,*+20 EOGR+6,**+20 SYMSYM,TEMP,, SMADD,55,10 ,*-2 SMADD,59,10,10 E84560-44 *-3	TEST FOR DIM VAR PLACE OFF SET INTO TABLE GEN OFFSET	
LOCTN 12426 12438 12450 12462 12474 12486 12510 12522 12534 12542 125542 12556 12578 12618 12618 12630 12642 12651 12666 12678 12686	0P 43 26 11 16 21 11 26 44 32 49 14 46 49 11 16 49 32 21 12 26 11	P/L 12542 08519 08519 08519 07242 12926 07295 12926 06049 12586 10081 10081 10081 10081 10081 107242 00000 07242	Q 07295 07242 00005 60004 02620 000065 12364 12651 00000 00000 00000 00002 22618 00000 00000 00000 00000 00000 00000 0000	PG/LN 16450 16470 16480 16490 16510 16520 16550 16560 16560 16560 16660 16660 16670 16680 16670 16700 16720	LABFL	BTFAMFM AAFFBSBOORG BEMBOOSF BOORG ATBOOSF BOORG	E84560.SMCNT,11, ADSAVE,SMADD,11, ADSAVE,SMADD,11, ADSAVE,51,07 ADSAVE,1,6711, ADSAVE,TEMP,6, SMADD,510 SMADD,510 SMADD,510 SMADD,EBASE-1,6 E84710,PR SMCNT,16 E84710 **-3 SCHI,24,610 **+32 SYM,1,711 **+52 **-3 SCHI,2,10 E0GR+6,**+20 E0GR-6,**+20 E0GR-6,**+20 SYM,1,711 **-52 SYM SYM,1EMP,, SMADD,05,10 **-2 SMADD,05,10 **-2 SMADD,10,10 E84560-44 **-3 **+20,SMCNT,11 HERE	TEST FOR DIM VAR PLACE OFF SET INTO TABLE GEN OFFSET	
LOCTN 12426 12438 12450 12462 12474 12486 12532 12534 12542 12554 12578 125186 12578 12610 12618 12630 12642 12654 12666 12698 12666 12698 12706	11 16 11 12 6 4 4 4 4 9 4 4 4 9 4 3	P/L 12542 08519 08519 08519 07242 12926 07295 12926 06049 12586 10081 12630 06049 11478 10081 10081 10081 10082 07242 212498 12762	0 07295 07242 00005 400004 02620 000065 12364 12651 00000 00000 00002 401200 00000 00000 00000 00000 00000 00000 0000	PG/LN 16450 16470 16480 16480 16510 16520 16530 16550 16560 16560 16560 16670 16620 16630 16610 16620 16630 16610 16620 16630 166700 16710 16710 16720 16730	LABFL	BD TF AM TF F BD GR G CM TB DORG	E84560.SMCNT,11, ADSAVE,SMADD,11, ADSAVE,SMADD,11, ADSAVE,SMADD,11, ADSAVE,TFMP,6, SMADD,5,10 SMADD,5,10 SMADD,5BASE-1,6 E84710,PE E84710,PE SMCNT,6 E84710 *-3 SCHI,24,610 *+32 SYM,1,711 *+52 *-3 SCHI,2+,10 E0GR+6,**20 E023-36 *-3 SYM SYM,TEMP, SMADD,55,10 ,*-2 SYM,TEMP, SMADD,10,10 E84560-44 *-3 *+20,SMCNT,11 HERE *-3	TEST FOR DIM VAR PLACE OFF SET INTO TABLE GEN OFFSET	
LOCTN 12426 12438 12450 12462 12474 12486 12510 12522 12534 12542 12556 12578 12586 12598 12610 12618 12618 12630 12642 12654 12656 12686 12686 12686	11 16 21 11 26 44 49 14 49 44 49	P/L 12542 08519 08519 08519 07542 12926 07242 12926 06049 12586 10081 10081 10081 10081 07242 00000 07242 12498	0 07295 07242 00005 00005 000065 00000 00000 00000 00000 00002 42618 00000 00000 00000 00000 00000 00000 0000	PG/LN 16450 16460 16470 16480 16500 16510 16520 16560 16570 16580 16560 16660 16670 16670 16720 16730	LABFL	BTFM TA AM TF F B S F B D G C M E M F M G C M E M B D G M F M B D G M F M B D G M G G B T AM B D G M G B B B D G M G B B B D G M G B B B D G M G B B B D G M G B B B D G M G B B B D G M G B B B D G M G B B B D G M G B B B D G M G B B B D G M G B B B D G M G M G M G M G M G M G M G M G M G	E84560.SMCNT,11, ADSAVE,SMADD,11, ADSAVE,SMADD,11, ADSAVE,SMADD,11, ADSAVE,TFMP,6, SMADD,510 SMADD,510 SMADD,EBASE-1,6 E84710,PE SMCNT,16 E84710,PE SMCNT,16 E84710,T10 **-3 SCH1,24,610 **-3 SCH1,24,610 **-3 SCH1,24,610 E0ER+6,**20 E023-36 **-3 SYM SYM,1711 **-52 SYM,1701 **-3 SYM SYM,1701 **-3 SYM SYM,1701 **-1 ERRE,SMCNT,11 HERE **-3 HERE,SMCNT,11 ADSAVE,SMADD,11 ADSSAVE,SMADD,11 ADSSAVE,SMADD,11 ADSSAVE,SMADD,11 ADSSAVE,SMADD,11 ADSSAVE,SMADD,11	TEST FOR DIM VAR PLACE OFF SET INTO TABLE GEN OFFSET	
LOCTN 12426 12438 12450 12462 12474 12486 12510 12522 12534 125542 12556 12578 12586 12588 12610 12618 12630 12642 12654 12666 12588 12610 12618 12630 12642 12654 126686 12706	11 16 44 49 11 16 49 21 12 26 11 14 49 44 49 43 61 1	12542 08519 08519 08519 07242 07242 12926 07295 12926 06049 12586 10081 12630 06049 11478 10081 10081 07242 00000 07242 12498 12762 08519 08519 08519 08519	Q 07295 07242 00005 07242 00005 00005 12364 12651 00000 00000 00024 01200 00000 00000 00000 00000 00000 00000 0000	PG/LN 16450 16470 16480 16510 16520 16530 16540 16550 16560 16570 16580 16590 16610 16620 16610 16620 16610 16670 16680 16670	LABFL	BD TFM TA AM TFF SS B DCCM BTFM B DCCM BTFM B DORG BTFM B DORG BD B	E84560.SMCNT,11, ADSAVE.SMADD,11, ADSAVE,SMADD,11, ADSAVE,SMADD,11, ADSAVE,TFMP,6, SMADD,510 SMADD,510,10 E84560-44 SMADD,10,10 E84560-44 SMADD,10,10 E84560-44 SMADD,10,10 E84560-44 SMADD,10,10 E84560-44 SMADD,10,10 E84560-41	TEST FOR DIM VAR PLACE OFF SET INTO TABLE GEN OFFSET	
LOCTN 12426 12438 12450 12462 12474 12486 12532 12534 12554 12554 12556 12578 12610 12618 12630 12642 12651 12666 12598 12618 12630 12642 12651 12656 12578 12610 12618 12630 12642 12657	11 126 44 44 44 44 44 44 44 44 44 44 44 44 44	12542 08519 08519 08519 07242 12926 07295 12926 06049 12586 10081 12630 06049 11664 11478 10081 10081 10081 10081 12630 12742 00000 07242 07242 07242 12762 12762 08519 08519 08519 08519	Q 07295 07242 00005 070242 00005 00005 12364 12651 00000 00000 00000 00004 01200 00000 00005 10001 00000 00000 00000 00000 00000 00000 0000	PG/LN 16450 16460 16470 16480 16500 16510 16520 16530 16550 16560 16560 16660 16660 16670 16680 16670 16780 16780 16780 16780	LABFL	BTFM F G G AM F B D OFF A S D S D S D S D S D S D S D S D S D S	E84560.SMCNT,11, ADSAVE,SMADD,11, ADSAVE,SMADD,11, ADSAVE,SMADD,11, ADSAVE,1501, ADSAVE,1501, ADSAVE,TFMP,6, SMADD,510 SMADD,EBASE-1,6 E84710,PE SMCNT,6 E84710,PE SMCNT,6 E84710,PE SMCNT,16 E84710,PE SMCNT,10 E84710,PE E84710,	TEST FOR DIM VAR PLACE OFF SET INTO TABLE GEN OFFSET	
LOCTN 12426 12438 12450 12462 12474 12488 12510 12522 12534 12542 12554 12556 12578 12586 12598 12618 12618 12630 12642 12654 12656 12706 12706 12718 12730 12742 12754	11 126 44 44 44 44 44 44 44 44 44 44 44 44 44	12542 08519 08519 08519 07242 07242 12926 07295 12926 06049 12586 10081 12630 06049 11478 10081 107242 00000 07242 0724 0724	Q 07295 07242 00005 07242 00005 00005 12364 12651 00000 00000 00024 01200 00000 00000 00000 00000 00005 10081 00000 07295 00000 07295 07242 00005 07242 00005 07295 07242 00006 07295 00000 07295 00000 07295 00000	PG/LN 16450 16460 16470 16480 16500 16510 16520 16530 16540 16550 16560 16560 16560 16660 16670 16680 16670 16720 16730 16730 16730 16740 16770 16780 16790 16800 16810 16810	. F84560	BTAMEM AT BUSE AS DEFM OF A STANDER OF BOOK BEFORE AS DEFM OF A SOLD BOOK BOOK BOOK BOOK BOOK BOOK BOOK BOO	E84560.SMCNT,11, ADSAVE,SMADD,11, ADSAVE,SMADD,11, ADSAVE,SMADD,11, ADSAVE,1,6711, ADSAVE,TFMP,6, SMADD,510 SMADD,510 SMADD,EBASE-1,6 E84710,PE SMCNT,16 E84710,PE SMCNT,16 E84710,PE SMCNT,16 E84710,PE SMCNT,16 E84710,PE SMCNT,16 E84710,PE SMCNT,16 E84710,PE SMCNT,11 E8452 E3 SYM,1711 E84560-40 E023-36 E34710-36 E84510-40 E3450-41 E3450-41 E3540-41 E354	TEST FOR DIM VAR PLACE OFF SET INTO TABLE GEN OFFSET	
LOCTN 12426 12438 12450 12462 12474 12488 12510 12534 12552 12534 12556 12578 12586 12578 12586 12578 12586 12578 12586 12578 12586 12578 12618 12630 12642 12754 12762 127762 127762 12778	11 126 442 49 14 4649 14 47 11 14 47 11	P/L 12542 08519 08519 08519 07242 12926 07242 12926 06049 12586 10081 12630 06049 11664 11478 10081 10081 10081 107242 00000 07242	Q 07295 07242 00005 400001 02620 00005 12364 12651 00000 00000 00024 01200 00000 00000 00000 00000 00005 10081 00000 07295 00000 07295 07242 00005 07295 07242 00006 07295 07242 00006 07295 07242 00000 07295 00000 07295 00000 07295 00000	PG/LN 16450 16470 16480 16510 16520 16530 16540 16550 16560 16570 16580 16590 16610 16620 16610 16670 16680 16670 16710 16720 16780 16780 16780 16780 16810 16810 16820	. F84560	BTATE ATTENDED TO BOTH	E84560.SMCNT,11, ADSAVE.SMADD,11, ADSAVE,SMADD,11, ADSAVE,SMADD,11, ADSAVE,TFMP,6, SMADD,510 SMADD,10,10 BAG560-44 SMADD,10,10 BAG560-45 SMADD,10,10 BAG560-46 SMADD,10,10 BAG	TEST FOR DIM VAR PLACE OFF SET INTO TABLE GEN OFFSET	
LOCTN 12426 12438 12450 12462 12474 12488 12510 12652 12534 125542 125542 125546 12578 12586 12586 12586 12586 12586 12586 12586 12586 12586 12586 12586 12586 12586 12586 12586 12586 12586 12586 12686 12678 12686 12678 12786 12786 12774 12774 12778	11 1 2 1 1 1 2 4 4 2 2 1 1 1 4 9 4 4 9 4 3 2 1 1 2 4 9 4 9 4 9 1 1 4 9 4 9 4 9 1 1 2 4 9 4 9 4 1 1 4 7 1 1 4 7	P/L 12542 08519 08519 08519 07242 07242 12926 07295 12926 06049 11664 11478 10081 10081 10081 107242 01000 07242 07242 12498 12706 12762 12762 08519 08519 08519 12890	Q 07295 07242 00005 400004 02620 000065 12364 12651 00000 00000 00002 401200 00000 00002 42618 00000 00000 00005 10081 00040 00000 07295 07242 00000 07295 07242 00000 07295 07242 00000 00024 01200 00004 01200 00024 01200	PG/LN 16450 16470 16480 16490 16510 16520 16550 16560 16560 16570 16680 16670 16670 16720 16730 16720 16730 16780 16790 16800 16790 16800 16790 16800 16790 16800 16790 16800 16790 16800 16790 16800 16790 16800 16800 16800 16810	. F84560	BTFM FM G G G M FM F B D M FM F	E84560.SMCNT,11, ADSAVE,SMADD,11, ADSAVE,SMADD,11, ADSAVE,J,671, ADSAVE,J,6711, ADSAVE,J,6711, ADSAVE,TEMP,6, SMADD,510 SMADD,510 SMADD,510 SMADD,EBASE-1,6 E84710,PR SMCNT,16 E84710 *-3 SCHI,24,610 *+32 SYM,1,711 *+52 SYM,1,711 *+52 SYM,1,710 E08R+6,**20 E023-36 *-3 SCHI,2,10 E08R+6,**20 E023-36 *-3 SYM SYM,TEMP,, SMADD,55,10 ,*-2 SMADD,59M,6, SMADD,10,10 E84560-44 *-3 *+20,SMCNT,11 ADSAVE,55,10 ADSAVE,TEMP,6 E84710-36 *-3 SCHI,24,610 *+60 SCHI,210 SCHI,210 *+20,SMCNT,11 E84710-36	TEST FOR DIM VAR PLACE OFF SET INTO TABLE GEN OFFSET	
LOCTN 12426 12438 12450 12462 12474 12488 12510 12534 125542 12554 125586 12578 12586 12588 12618 12618 12618 12630 12642 12706 12706 12706 12706 12774 12782 12774 12782	116 2111 264 432 49 116 116 49 32 112 49 49 43 211 211 26 44 49 43 211 211 26 44 47 114 47 114 47 114 47 114 47 114 47 114 47 114 47 114 114	P/L 12542 08519 08519 08519 07242 12926 07242 12926 10081 12630 06049 11478 10081 107242 00000 07242 12762 12762 12762 08519 08519 08519 12864 12864 12864 12864 12864 12864	Q 07295 07242 00005 07242 00005 00005 12364 12651 00000 00000 00024 01200 00000 00000 00000 00000 00000 00000 0000	PG/LN 16450 16460 16470 16480 16500 16510 16520 16530 16550 16560 16570 16580 16570 16580 16690 16670 16720 16720 16720 16780 16790 16790 16790 16780 16880 16890 16890	. F84560	BTAMEM AT BOSE ASSET BOOK BE BOOK BOOK BOOK BOOK BOOK BOOK B	E84560.SMCNT,11, ADSAVE,SMADD,11, ADSAVE,SMADD,11, ADSAVE,SMADD,11, ADSAVE,TFMP,6, SMADD,510 SMADD,EBASE-1,6 E84710,PE SMCNT,16 E84710,PE SMCNT,16 E84710,PE SMCNT,16 E84710,PE SMCNT,16 E84710,PE SMCNT,16 E84710,PE SMCNT,11 **52 **3 SCH1,24,610 E0ER+6,**20 E023-36 **-3 SYM SYM,TEMP, SMADD,05,10 ,**-2 SYM,TEMP,, SMADD,05,10 ,**-2 SMADD,5,10 F84560-44 **-3 HERE,SMCNT,11 ADSAVE,SMADD,11 ADSAVE,SMADD,11 ADSAVE,SMADD,11 ADSAVE,TEMP,6 E84710-36 **-3 SCH1,24,610 **-60 SCH1,2+10 **-60 SCH1,2+10 **-24 SCH1,2+10 **-24 SCH1,2+10 **-24 SCH1,2+10 **-24 SCH1,2+10 **-24 SCH1,2+10 **-24 SCH1,2+10 **-25 SMADD,5,10 SMADD,5,10 SMADD,5,10 **-3 SMADD,5	TEST FOR DIM VAR PLACE OFF SET INTO TABLE GEN OFFSET	
LOCTN 12426 12438 12450 12462 12468 12510 12468 12512 12534 12552 125546 12578 12586 12578 12586 12578 12586 12578 12586 12578 12586 12578 12586 12578 12586 12578 12586 12578 12586 12578 12586 12578 12688 12688 12688 12688 12688 12688 12688 12706 12776 12778 12784 12784 12784 12784 12784 12784 12784 12784 12784 12784 12784 12784 12784 12784 12884 128846 128846 128846 12889	11 12 11 12 12 12 12 12 12 12 12 12 12 1	P/L 12542 08519 08519 08519 075242 07242 12926 07049 12586 10081 12630 06049 11678 12762 12762 12762 12762 12762 12762 12762 12762 12762 12762 12762 12762 12762 12762 12762 12762 12762 12764 12854 12854 12854 12854 12854	Q 07295 07242 00005 07242 00005 000065 12364 12651 00000 00000 00000 00024 01200 00000 00000 00000 00000 00000 00000 0000	PG/LN 16450 16470 16480 16490 16500 16510 16520 16530 16550 16560 16560 16560 16670 16680 16670 16680 16710 16720 16730 16730 16780 16790 16780 16790 16800 16810 16820 16830 16840 16850	. F84560	BTATE ATTENDED TO BOTH OF THE STATE OF THE S	E84560.SMCNT,11, ADSAVE,SMADD,11, ADSAVE,SMADD,11, ADSAVE,SMADD,11, ADSAVE,1,6711, ADSAVE,1,6711, ADSAVE,TFMP,6, SMADD,510 SMADD,510 SMADD,510 SMADD,510 SMADD,510 SMADT,16 E84710,PE SMCNT,16 E84710,PE SMCNT,16 E84710,PE SMCNT,11 **-3 SCH1,24,610 E0BR+6,*+20 E023-36 **-3 SYM SYM,1711 **-10 EOBR+6,*+20 E023-36 **-3 SYM SYM,16,SMADD,5,10 **-2 SMADD,SYM,6,SMADD,10,10 E84560-44 **-3 HERE,SMCNT,11 HERE **-3 HERE,SMCNT,11 ADSAVE,510 ADSAVE,TEMP,6 E84710-36 **-3 SCH1,24,610 **-60 SCH1,24,610 **-60 SCH1,24,610 **-60 SCH1,24,610 **-60 SCH1,24,610 **-60 SCH1,210 **-84710-36 **-3 SMADD,5,10 SMADD,5,10 SMADD,5,10 SMADD,5,10 SMADD,5,10 SMADD,5,10 SMADD,5,10	TEST FOR DIM VAR PLACE OFF SET INTO TABLE GEN OFFSET	
LOCTN 12426 12438 12450 12462 12474 12489 12512 12534 125542 125542 125546 12578 12586 12578 12586 12578 12586 12578 12586 12578 12586 12618 12630 12642 12762 127762 127762 12778 12786 12778 12786 12778 12786	11	P/L 12542 08519 08519 08519 08519 07542 12926 07049 12586 10081 12630 06049 11664 11478 10081 10081 107242 07242	Q 07295 07242 00005 400004 02620 00005 12364 12651 00000 00000 00000 00000 00000 00000 0000	PG/LN 16450 16460 16470 16480 16510 16520 16530 16550 16560 16560 16560 16670 16610 16620 16670 16670 16720 16730 16740 16750 16780 16790 16800 16800 16900 16810 16820 16880	E84695	BTATAATBOR G G G BABB DOS A SOSTAAB DOB TATB DOK M M F F G G M C M C BABB B DOK M C BACBAB B DOS TAATB DOK TATB DOK TATB DOK TAB DOK TAB DOK TAB DOK TAB DOK TAB DOK TAB TAB DOK TAB TAB DOK TAB	E84560.SMCNT,11, ADSAVE.SMADD,11, ADSAVE,55,10, ADSAVE,1,6711, ADSAVE,1,6711, ADSAVE,1,6711, ADSAVE,1,6711, ADSAVE,1,6711, ADSAVE,1,6710, SMADD,510 SMADD,510 SMADD,510 SHAT10 SH	TEST FOR DIM VAR PLACE OFF SET INTO TABLE GEN OFFSET MOVE OFFSET INTO TABLE	
LOCTN 12426 12438 12450 12462 12474 12486 12532 12534 12552 125542 12556 12578 12618 12630 12642 12666 12598 12618 12630 12642 12666 12578 12630 12642 12762	11 1 2 4 4 4 9 1 1 4 4 4 9 1 2 6 1 1 1 1 4 4 4 9 1 2 6 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	12542 08519 08519 08519 07242 07242 12926 06049 12586 10081 12630 06049 11664 11478 10081 10081 107242 12762 12762 08519 08519 08519 08519 08519 08519 08519 08519 08519 08519 08519 08519 08519 08519 07242 12786 06049 12890	Q 07295 07242 00005 07242 00005 000065 12364 12651 00000 00000 00002 00024 011200 00000 00000 00000 00000 00000 00000 0000	PG/LN 16450 16460 16470 16480 16510 16520 16550 16560 16560 16570 16680 166700 16710 16720 16730 16750	. F84560	BTAMFM AT BOSE OR M G G BTAMF B DOMFM G G BTAMFM B B B D B B D B B D B B D B B D B	E84560.SMCNT,11, ADSAVE,SMADD,11, ADSAVE,SMADD,11, ADSAVE,51,07 ADSAVE,1,6711, ADSAVE,1,6711, ADSAVE,TEMP,6, SMADD,510 SMADD,510 SMADD,510 SMADD,510 SMADD,510 SMADD,510 SMADT,711 **+32 SYM,1,711 **+52 *-3 SCHI,2,10 E0GR+6,**+20 E0GR-6,**+20 E0GR-6,**+20 E0GR-6,**+20 SMADD,50,10 **-2 F84560-44 *-3 SYM SYM,TEMP,, SMADD,10,10 E84560-44 *-3 **+20,SMCNT,11 ADSAVE,SMADD,11 ADSAVE,SMADD,11 ADSAVE,SMADD,11 ADSAVE,SMADD,11 ADSAVE,5,10 SMADD,50 SCHI,24,610 **+60 SCHI,24,610 **+60 SCHI,21,0 SCHI,24,610 **-24 SCHI,21,0 SMADD,5,10 MODAD,66,	TEST FOR DIM VAR PLACE OFF SET INTO TABLE GEN OFFSET	
LOCTN 12426 12438 12450 12462 12474 124898 12512 12534 12554 125542 125546 12578 12618 12630 126451 12666 12578 12618 12630 12641 12730 12642 12742 127542	11 6 4 4 2 2 4 9 1 4 6 6 9 1 1 6 4 4 4 9 1 2 6 1 1 1 4 4 9 1 2 6 1 1 1 4 4 9 1 2 6 1 1 1 4 4 9 1 2 6 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	P/L 12542 08519 08519 08519 07542 07242 12926 07249 12926 06049 11664 11478 10081 10081 10081 107242 07242 07242 12762 08519 08519 12890 06049 12834 06049 12834 06049 12834 06049 12838	Q 07295 07242 00005 400004 02620 000065 12364 12651 00000 00000 00002 42618 00000 00000 00005 10081 00000 07295 07242 00005 07295 07242 00005 00000 00024 01200 00000 07295 07295 07242 00005 00000 00024 01200 00000 00025 00000	PG/LN 16450 16460 16470 16480 16510 16520 16530 16550 16560 16560 16660 16670 16680 16670 16780 16780 16780 16780 16780 16780 16790 16880 16890 16890 16890 16890 16990	E84710	BTAMEM AT ANTERON GOOD BOOK AT BOOK AS BOOK BOOK BOOK BOOK BOOK BOOK BOOK BOO	E84560.SMCNT,11, ADSAVE,SMADD,11, ADSAVE,SMADD,11, ADSAVE,SMADD,11, ADSAVE,TFMP,6, SMADD,510 SMADD,510 SMADD,510 SMADD,510 SMADD,510 SMADD,6BASE-1,6 E84710,PE SMCNT,16 E84710,PE SMCNT,16 E84710,PE SMCNT,11 **+52 *-3 SCHI,24,610 **+32 SYM,1,711 **+52 *-3 SCHI,2,10 E08R+6,**+20 E023-36 *-3 SYM SYM,TEMP,, SMADD,05,10 ,**-2 SYM,TEMP,, SMADD,10,10 E84560-44 *-3 *-3 SHADD,5,NCNT,11 HERE *-3 HERE,SMCNT,11 ADSAVE,SMADD,11 ADSAVE,TEMP,6 E84710-36 *-3 SCHI,24,610 **+60 SCHI,24,610 **+60 SCHI,24,610 **-2 SMADD,5,10	TEST FOR DIM VAR PLACE OFF SET INTO TABLE GEN OFFSET MOVE OFFSET INTO TABLE	6/

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                     1620 FORTRAN II-D
                                                                        PHASE 1-B
                                                                                                                                                                                                        NUVEMBER, 1966
                                                                                                                                                                                                                                                             PAGE 32
LOCTN OP
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*+23,1,10
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                            13042
                                             01200
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                           13033
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17050
 12998
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 13010
13022
                 31
                           15138
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                                                                           17060
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                                                                                                            TR CHI-1
B EOR
DORG *-3
TF *+35,SCHI
AM *+23,2,10
BNR *+20
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17080
17080
13034
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13042
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13066
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                                                                           17110
                                                                                                            BNR #+20

BEGINA

DORG #-3

BTM ERROR,72,9,

CM SCH1,24,610

BNE E84710

AM SCH1,2,10

CM SCH1,4,610

BNE #-24

AM SCH1,2,10

BNE #-24

AM SCH1,2,10

BNE #-310

BNE 
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13078
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13086
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17160
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17180
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13134
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13158
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13170
                                                                           17210
                                                                                         DORG *-3

IVALEN DAC 8, IVALENCE

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SUBPA TFM SUBPUT+11,0135,8

TFM SUBPUT+11,0135,8

TFM CHI-1,CHI+13

BD *+36,SUBFCT

TDM SUBFCT-1

BD *+24,STSN

BTM ERROR,370,9

BNF *-12,STSN

SUBPF TDM SUBSW,1

CM CHI-40,10

BH **24

SUBP1 BT ERROR,270,9,

SUB DECLARATION ERROR 5
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17260
13179
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13194
13206
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                           13254
02293
                                                                           17270
17280
13218
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13230
13242
13254
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09384
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09384
13266
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01100
13290
13302
13314
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                                                                                         SUBP1
                                                                                                             BTM
                                                                                                                                                                          SUB DECLARATION ERROR
                                                                                                                         CHI,69,10
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PUT,0135,8,
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17370
13326
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13338
13350
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                                                                                          SUBPUT BTM
                                                                                                                                                                         OUTPUT SUBROUTINE SYMBOL
                                                                                                                        OUTSW
CSORN,*+12
SMADD,04,10
SMADD,,6
13362
                                                                                                            SF
BTM
AM
TDM
                 32
17
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TF
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13458
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                                                                          17440
17450
13422
13434
13446
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                                                                                                             BNR
                                                                                                                         *+36,CHI+2
                                                                                                                        BEGIN, SUBFCT
ERROR, 371, 9
CHI, 24, 10
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01200
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17480
17480
17490
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CM
BE
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13494
13458
13470
13482
                                                                                                                        **24
ERROR,371,9
PUT, 124,8,LEFT PAREN
CHI-1,CHI+1
CHI,40,10
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17520
13494
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13518
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                                                                          17530
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                                                                                                                         SUBP2-36
CHI,69,10
SUBP2-36,,,
                                                                          17540
17550
17560
                                                                                                             BNH
CM
13530
13542
                  47
                           13482
15139
                                            01100
                 14
                                            00069
                           13482
07068
05738
 13554
                                            01100
                                                                                                             вн
                                                                                                                                                                         TEST FOR SYMBOLIC ARGUEMENTS
                                                                                                                         OUTSW,
CSORN,*+12,,
                                            00000
13590
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17580
                                                                                                                                                                                                                                                                                         62
                                                                                                                                                                         OUTPUT ARGUEMENT
****
                     1620 FORTRAN II-D
                                                                        PHASE 1-B
                                                                                                                                                                                                       NOVEMBER, 1966
                                                                                                                                                                                                                                                           PAGE 33
LOCTN
                           P/L
                                                                          PG/LN - LABEL MNEM OPERANDS AND REMARKS
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PUT, 1
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17630
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                 47
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13670
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CHI,4,10
                                                                                                           CM CHI,4,10
BNE SUBP2-36
BTM PUT, 104,8,RIGHT PAREN
B BEGIN
DOORG *-3
DAC 7,ROUTINE
OUTPUT FUNCTION DECLARATION STATEMENTS *****
TR CHI-1,CHI+9
TFM SUBPUT+11,136,8
BD SUBPF-24,SUBFCT
TDM SUBFCT,1,11
B SUBPET-34
B SUBPET-34
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13694
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17
                           13482
09084
                                            01200
                                                                           17690
17700
                                            00104
                                                                           17710
17710
17720
17730
13706
                           02626
                                            00000
13715
                           00007 X2
                                                                                          ROUTN
*****
                                                                           17740
13728
                           15138
                                           15148
                                                                                          FUNCTA TR
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DORG *-3
DAC 5,CTION
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                                                                          17790
13784
                                                                           17800
13785
                           00005 X2
                                                                                         CTION
*****
                                                                                                            DAC 5,CITUM
OUTPUT CONTINUE STATEMENT *****

BD *+24,NOIND
BTM ERROR2,574,9, UNNUMBERED CONTINUE STATEMENT
                                                                           17820
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                           13818
                                           02610
                                                                                         CONTEN BD
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17
                                                                          17830
                                                                          17840
17850
13806
                           09440
                                           00574
                           09084
09084
13818
13830
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17
                                            00127
                                                                                                                        PUT, 127,8,CONTINUE
PUT, 140,8,DUMMY
                                            00140
                                                                          17860
                                                                                                             втм
                                                                          17870
17880
17890
13842
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                           02626
                                            00000
                                                                                                                         BEGIN
                                                                                                            DORG *-3
PAC 5,TINUE
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13851
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                                                                                         TINUE DAC
                                                                                                                  C 5,TINUE
OUTPUT PAUSE STATEMENT.
CHI-1,CHI+3
PUT, 126,8,PAUSE
PUT, 140,8,DUMMY
R *+20,CHI+2
BEGIN
CHI,69,10
*+32
EPPERS 573 0
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                                             00000
 13916
                                                                                                             DORG #
13916
13916
13928
13940
13952
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13960
09440
                                                                                          PAUS
                                                                                                             CM
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14020
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18080
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OUTPUT STOP STATEMENT
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PUT, 125,8,STOP
PAUSEN+24
14028
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                                                                                         STOPEN TR
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18120
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14059
                           13884
                                            00000
                                                                                          B PAUSEN+24
DORG *-4
DEFINE TR CHI-1,CHI+13,, SHIFT OFF INEDISK
CF STSN
                                                                          18130
                          15138
05675
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14072
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                 1620 FORTRAN II-D
                                                        PHASE 1-B
                                                                                                                                                           NOVEMBER: 1966
                                                                                                                                                                                                    PAGE 34
LOCTN OP
                                                         PG/LN LABEL MNEM OPERANDS AND REMARKS
                                                         18160
18170
18180
18190
                                                                                    BD
BD
TDM
                                                                                             ERR60+12, SUBFCT
ERR60+12, MULDEF
MULDEF, 1
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                                                                                              CHI.24.10.
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ERR44
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SYM-1
SYM,50,10
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18330
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             31
23
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02233
 14264
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                    02240
                                                                                             W,N1
99,0100,8
RECLG,2
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CM
BH
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ERR44,,,
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ERR44
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ERR44
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BNE ERR44
B BEGINA
DORG *-3
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18480
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18510
18520
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RECLG,000,9
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ERR60
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JAY,*-*
BEGINA
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14526
14538
14545
14490
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                     02638
                                                                                   DORG *-4
DS •ERR60
                     00000
                                                                      ERR44
***
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                                                                                         COLLECT DIGITS SUBROUTINE
                                                          18590
18600
                                                                                         BTM CLDGT, XX, 10, XX = NO. OF DIGITS TO COLLECT + 1
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18620
14546
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*+32,CHI
CHI-1,CHI+1
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TR
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CLDGT2+6,SYM-12
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18720
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****
                 1620 FORTRAN II-D
                                                        PHASE 1-B
                                                                                                                                                                                                    PAGE 35
LOCTN
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B IOPT,BLK2,7
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OUT OF CORE BLOCK 3 CONTAINS THE FOLLOWING
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ASCAN
                                                                                   ASCAN
DORG IOUT
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BTM FMON+35,BLK2
BTM FMON+35,BLK1,,
BTM FMON+35,BLK1,,
BTM FMON+35,BLK1,,
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FMON,RETURN
FMON+35,BLK1,,
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FMON,DOO
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ASCAN1
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TFM
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FMON+35,BLK5,,
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TFM
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PA2, A2-4
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1620 FORTRAN II-D
                                                                                                                                                    NOVEMBER, 1966
                                                                                                                                                                                           PAGE
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                                                     PHASE 1-B
                                                                               MNEM OPERANDS AND REMARKS
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           OΡ
                     P/L
                                    ۵
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CHI,69,10
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                                                                                 С М
В Е
11056
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SF
TR
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SC22
CHI-1,CHI+1
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SC1-12
DIMSW,1
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CSTNO,SC4
MOVEIT+6,D1-12
DIMNOT,05,10
TEMP,99
DIMNOT,12,10
MOVEIT+6,99
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MM
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****
                1620 FORTRAN II-D
                                                     PHASE 1-B
                                                                                                                                                                                          PAGE
LOCTN
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19900
19910
                                                                                         TEMP,05,10
MOVEIT+6,12,10
11260
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DORG
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D3,C2
92
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M
SF
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M
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D4,A2
D3,C1
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D2,81
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TFM
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D1,99
IND1,D4
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IND1,,6
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11520
                                                                                 CF
11532
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20150
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IND1,12,10
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IND1,D1,67
TONY
PI,I-12
PI,9,10
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CONT,,,
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PI,3,10
PI,0,68
MV2
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B DORG
AM
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BE
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11692
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20320
20330
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TF
AM
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MV3+11,PI
MV3+11,1,10
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DORG *-3
S0 = 148 LITERAL SUBSCRIPT, S1 = 149 ONE SUBSCRIPT
S2 = 150 TWO SUBSCRIPTS, S3 = 151 THRFE SUBSCRIPTS
TFM L4+11,0148,8, BASE FOR SUBSCRIPT OPERATORS
A L4+11,DIMNOT
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20390
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                                                                   CONT
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PAGE 38
                                                                                                                                                          NOVEMBER: 1966
****
                1620 FORTRAN II-D
                                                       PHASE 1-B
LOCTN OP
                                                                                   MNEM OPERANDS AND REMARKS
                     P/L
                                      Q
                                                         PG/LN LABEL
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TFM
                                                                                            PUT - 104 - 8
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DORG *-3
SF D1-7
                                                                                   SF D1-7
BT PUT,D1-4
TR D1-7,D1-3
B L5
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27
31
49
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20520
20530
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                    11944
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                                                                     L6
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DORG *-3
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CHI,70,10
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ERROR,376,9
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                                                                      AERR
****
                1620 FORTRAN II-D
                                                       PHASE 1-B
                                                                                                                                                          NOVEMBER, 1966
                                                                                                                                                                                                  PAGE 39
LOCTN OP
                     P/L
                                                         PG/LN LABEL MNEM OPERANDS AND REMARKS
                                                                                             OMM,0
PUT, 133,
NOPARM,00,10
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TFM
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ASC14+18,FLIST-9

CHI-1,CHI+1

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ERROR,378,9,

CHI,40,10

ASC3

CHI,20,10

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TR CH1-1,CH1+1

B IFSCAN+12

DORG *-3

CM CH1,10,10

BE IFSCAN

CM CH1,24,10

BNE ASC6-24

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AM PARRNT, 1,10

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DORG *-3
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DORG *-3

CM CHI,3,10

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CM CHI+2,69,10

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CSORN,*+12
ASC9,FNTSW1,,
ASC8,FNTSW,,
RTCALL,CALLSW,,
ASC1,CHI+2,
PARCNT,0,10
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12574
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10103
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21330
                                                                                     ВТМ
                                                                                                                                   BRANCH IF COLLECTING FUNCTION PARAMETERS BRANCH IF SYMBOL WAS FUNCTION NAME RETURN TO CALL ROUTINE
             43
43
                                                                                     ВD
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13242
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                                                                      ASC7
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ERROR, 379, 9,
CHI, 30, 10
*+24
ERROR, 378, 9,
12634
12646
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09384
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BNE *+32
BTM PUT,
B ASC24
DORG *-3
CM CHT
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B ASC24
DORG *-3
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12850
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BNE *+32
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```

```
****
                 1620 FORTRAN II-D
                                                       PHASE 1-B
                                                                                                                                                          NOVEMBER, 1966
                                                                                                                                                                                                   PAGE 40
LOCTN OP
                      P/L
                                                         PG/LN LABEL MNEM OPERANDS AND REMARKS
                                      ۵
                                                                                    BTM PUT,
B ASC24
DORG *-3
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 12830
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                                                         21580
21590
 12842
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CHI,14,10
ASC25
CHI+2,14,10
ASC24-12
PUT, 115,8,EXPONENTIAL
CHI-1,CHI+1
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PUT, 114,8,MULTIPLY
CHI-1,CHI+1
CHI,40,10
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CM CHI,4,10
BE *+36
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BD ASC281,FNTSW1
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BTM PUT, 104,8,RIGHT PAREN
BD *+32, FNTSW1
SM PARCNT, 1,10
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DORG *-3
M TRABCT, 1,10
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CHI-1,CHI+1
ASC1-12
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CHI,24,10
ASC7-24
ERROR,378,9
PARCNT,0,10
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CHI, 24, 10
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BD ASC31-12,FNTSW1
B ASC7
DORG #-3
RTCALL TR CALL+23,CALL2
B CALL+23
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DORG *-3
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PUT, 137,8,ARITH STATEMENT FUNCTION
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                 1620 FORTRAN II-D
                                                       PHASE 1-B
LOCTN OP
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                                                                                             PCNT,0,10, INITIAL PARAMETER COUNT PUT, 124,8,LEFT PAREN CHI-1,CHI+1
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CHI,40,10
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22180
22190
22200
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13426
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15139
13426
                                                                      ASC26
                                                                                                                                   INCOMPLETE STATEMENT FUNCTION
                                                                                    BNH
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CHI,69,10
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13474
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13498
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ASC26,INSW
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SYM+2,14,10
SYM+1
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STAFT,5NADD,6
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BTM PUT, 104
TR CHI-1,CHI+1
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TEMP5,PCNT,6
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22520
22530
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13722
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                                                                                       4 SINGS1,1,11,
AGER-24,,
IN PUTTING OUT SUBSCRITT.

RG *-3
ENTER TO OUTPUT SINGLE STATEMENT FUNCTION CALL AND ***
FUNCTION SUBPROGRAM CALL **
FASC11,FNTSW, NO FLAG INDICATE FUNCTION SUBPROGRAM SMCNT,2,10
NOPARM,SMCNT,11, MOVE NO. OF PARAMETERS TO COUNTER
CH1,24,10
*+24
MERROR,079,9,
FUNCT NAME NOT FOLLOWED BY LPAREN
MPUT, 124,8,LEFT PAREN
SET UP TEMPORARYPAREN COUNT
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                                                                                                                                   SET SINGLE STAMT SWITCH, SWITCH TESTED IN PUTTING OUT SUBSCRIPTING
13746
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13754
                                                                                    DORG
13754
13766
13778
13790
13802
13814
                    14606
07295
14700
                                  10102
                                                                      ASC8
                                                                                    BNF
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14
46
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17
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00024
01200
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09384
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                                                                                             PUT, 124.
TPARCT,1,10,
CHI-1,CHI+1
FNTSW,0
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BTM
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22640
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*~3
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13918
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BNE
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CHI-1,CHI+1
CHI,40,10
ASC27
CHI,3,10,
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15139
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7/

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                1620 FORTRAN II-D
                                                     PHASE 1-B
                                                                                                                                                    NOVEMBER, 1966
                                                                                                                                                                                           PAGE 42
LOCTN OP
                                    Q
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                                                                                                                              INVALID FUNCTION PARAMETER LIST
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TR
AM
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                                                       22780
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SF OUTSW
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FNTSW2,1
CSORN,*+12
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B T M
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ASC29-12
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BTM CSORN.*+12
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ASCER
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ASCER
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49
                                                                                                                          TEST FOR NESTED FUNCTIONS
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BNR
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DORG *-3
CM CH1,23,10
BNE ASC28

ASC30 BTM PUT,
TR CH1-1,CH1-1
BNF *+20,NOPARM
B ASC12
DORG *-2
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ASC12
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CM CHI,4,10
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ASC30
ASC28+24,CHI+2
ASCER
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15141
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23180
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BNR
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 14466
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23220
                                                                                 BNF ASC9-32,NOPARM
CM ASC14+18,FLIST-9,, TEST IF NEST LIST IS EMPTY
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14490
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14522
                                                                  ASC31
                                                                                CM
BNE
                                01200
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                                                                                         FNTSW1
RTCALL-44
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TR TPARCT-1,ASC14+18,11
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14522
                                                       23260 23270
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                  14697 14644
                                                                                                                                                                                                             72
                1620 FORTRAN II-D
                                                     PHASE 1-8
                                                                                                                                                    NOVEMBER, 1966
                                                                                                                                                                                           PAGE
LOCTN OP
                     P/L
                                    Q
                                                      PG/LN LABEL MNEM OPERANDS AND REMARKS
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DORG *-3
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14598
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14618
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CM NOPARM,0,10
BZ ASC31
B ASCER
DDRG *-3
TDM FNTSW1,0,,
B ASC39-12
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DORG *-3
TFM NOPARM,0,1011
B ASC15
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13790
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DORG **-3

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ENTER HERE TO SHIFT PARAMETER LIST DOWN FOR NESTED CALLS ***

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B IFSCAN+12
DORG *-4

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DORG
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                                                                    NOPARM DS
                                                       23540
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DSB 5,20
DORG 16000
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                                                                                        IORT,*+23
IOPT,BLK3,7
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                                                                                TCD 16000
DUT OF CORE BLOCK 4 CONTAINS THE FOLLOWING
                                                       23600
16000
                                                       23610
23620
                                                                               OUT OF
                                                       23630
                                                                               DO
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23660
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DORG IOUT
CM CHI,44,10,
B IOUTEN
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BTM FMON,NONARA
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BTM FMON+35,BLK1,
BTM FMON+35,BLK6,
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BTM FMON+55,BLK6,
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FMON+35,BLK6,,
FMON,CALL
FMON+25,BLK6,,
FMON,RETURN
FMON+35,BLK1,,
FMON+35,BLK1,
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 10332
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                1620 FORTRAN II-D
                                                      PHASE 1-B
                                                                                                                                                      NUVEMBER, 1966
                                                                                                                                                                                               PAGE 44
                                                        PG/LN LABEL MNEM OPERANDS AND REMARKS
LOCTN OP
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TFM
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                                                        23860
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SC1, SINGST,,
OUTSC1
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23880
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                                                                                  BD
                                                                                 B OUTSC1
TFM FMON+35,BLK5,
BTM FMON,DKIO
OUTSC CODE IS HERE
DORG ASCAN1
OUTPUT DO STATEMENTS
TDM TRIND,0
BD *+24,NOIND
BTM ERROR2,572,9
CM CH1,44+10
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CM CH1+2,56,10
BNE SPERR
BD *+24,INDIV
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23950
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CHI,69,10
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ERROR,275,9,
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SF
BTM
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07068
05446
07242
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                                                                                  ΑМ
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24170
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DOCK-12
CSORN,*+12,,
PUT,SMADD-1
12318
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            46
17
27
12330
12342
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                                                                                                                                COLLECT DO INDEX SYMBOL
                                                                                  втм
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                                                                                          POT, SMADD-1
DOC1, FXORFL
ERROR, 275, 9,
DOC1-12, SMADD, 11
SMADD, 2,10
DOC, SMADD, 11
DOC-12
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17
43
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24230
24240
24250
12366
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12378
12390
                    09384
                                                                                                                                FLOATING POINT VARIABLE FOR INDEX
                                                                    DOCK
                                                                                  BD
             12
                    07242
12402
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12414
             43
                     12294
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                                                        24260
24270
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12426
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                                                                                  В
12434
12434
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ERROR,274,9, D
CH1,33,10, T
DO+24
PUT, 133,8,EQUAL
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CM
BNE
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                                                        24290
                                                                                                                                 DO REFERENCING ILLEGAL STAMMT NO TEST FOR EQUAL SIGN NEXT
12446
12458
12470
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12214
09084
                                                        24300
24310
24320
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                                                                    DOC1
                                                                                           PUT, 133,8
CHI-1,CHI+1
DOA,,,
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12518
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00000
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24340
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12518
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CHI,40,10
DOCK-12,,
CHI,69,10
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12518
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                                                                                           DDA
****
                1620 FORTRAN II-D
                                                      PHASE 1-8
                                                                                                                                                      NOVEMBER, 1966
                                                                                                                                                                                              PAGE
LOCTN OP
                     P/L
                                    Q
                                                        PG/LN LABEL MNEM OPERANDS AND REMARKS
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24420
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                                                                                           CSORN, *+12,,
                                                                                                                                COLLECT AND OUTPUT FIRST INDEX
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                                                                                  ВĐ
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24460
24470
24480
12614
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12622
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DOB,DOA
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26
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12634
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SYM,0,10,
DOCK-12
CHI,23,10
DO+24
PUT, 123
CHI-1,CHI+1
CHI,40,10
DOCK-12
CHI,69,10
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                                                                                                                                TEST IF FIRST INDEX WAS ZERO
12658
12670
                    12378
                                 01200
000<del>2</del>3
                                                        24490
24500
                                                       24510
24520
24530
24540
24550
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24570
12682
12694
12706
12718
                     12214
                                 01200
                                                                                  BNE
BTM
             47
17
31
14
47
14
47
                                                                                                         123,8,COMMA
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                                                                                  TR
CM
BNH
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15139
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15139
12778
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                                  01100
            32
17
27
43
49
                    12670
05738
09084
12766
                                  00000
                                                        24580
                                                                                           DOB
12778
12790
                                                        24590
24600
                                                                                           CSORN,*+12
PUT,SMADD-1
*+20,FXORFL
12802
                    12822
12378
                                  06453
                                                        24610
                                                                                  BD
                                                                                  B DOCK-12
DORG *-3
BNF *+72,DOB
BNF *+36,DOA
12814
                                 00000
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12822
12822
12834
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24640
24650
                    12894
12870
                                 12518
            24
47
14
                                                        24660
24670
24680
                                                                                           SYM,DOTEST,,
DOCK-12,,,
SYM,0,10
                                                                                                                                TEST IF SECOND INDEX IS GREATER OR EQUAL TO THE FIRST IF BOTH ARE CONSTS
12846
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12858
12870
                    12378
                                 01300
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                                                                                  CM
12882
             46
45
                     12378
12926
                                  01200
                                                        24690
                                                                                  BE
                                                                                           DOCK-12
                                                        24700
24710
                                                                                           DOE, CHI+2
DO+24, IOSW,,
 12894
                                                                                  BNR
BD
12906
12918
            43
                                                                                                                                I/O CANNOT END HERE
                    02626
                                 00000
                                                        24720
                                                                                           BEGIN
                                                        24720
24730
24740
24750
24760
24770
24780
24790
24800
24810
24820
                                                                                  DORG *-3
CM CHI
12926
                                                                                 DORG *-3
CM CH1,23,10
BE *+32
BD 10F,10SW,,
D0+24
DORG *-3
BTM PUT, 123,8,COMMA
TR CHI-1,CHI+1
CM CHI,40,10
BNH DOCK-12
ES COLUMN
12926
12938
12950
             14
                     15139
                                  00023
                                                                    DOE
             46
43
49
                     12970
                                  01200
10113
                                                                                                                                RETURN TO IZO SCAN
                    14452
12214
12962
12970
                                 00000
12970
12970
12982
12994
13006
                    09084
15138
15139
12378
                                 00123
15140
00040
01100
                                                                                           OUTSW
CSORN,*+12
SMCNT,2219
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17
14
13018
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                                  00000
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13030
13042
                                                        24840
24850
                     05738
                                                                                  втм
                     07295
                                  02219
                                                                                  CM
                                                                                           DO+24,,,
*+20,FXORFL
DOCK-12
                                                                                                               SUBSCRIPTED VARIABLE IN DO
13054
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                                                        24860
                                                                                  ВF
13066
13078
                                  06453
                                                        24870
24880
                     13086
                     12378
                                                                                 B DOCK-12

DORG *-3

CM SYM,0,10

BE DOCK-12

BD IOF,10SW,,

BNR *+20,CHI+2

B EGGIN

DORG *-3

BTM ERROR2,573,9

BCCIN
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46
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13098
13110
13122
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14452
                                 01200
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                                                        24960
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13154
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                                                                                           BEGIN
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PAGE 46
              1620 FORTRAN II-D
                                                                                                                                    NOVEMBER. 1966
****
                                               PHASE 1-B
LOCTN OP
                                                 PG/LN
                                                           LABEL MNEM OPERANDS AND REMARKS
                                                           13162
13171
                                                 24980
24990
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                                                 25000
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                             01200
13184
13196
                  13567
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13276
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25090
                                                            IOUTER BTM
                                                                               FRROR • 71 • 9
13264
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                                                 25100
13276
13288
                  13567
15138
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CHI-1,CHI+3
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                                                                                                                OUTPUT PRINT SYMBOL
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                                                 25130
                                                                                IOUT1
13308
13308
13320
13332
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25150
25160
25170
25175
                                                                        DORG *-3
CM CHI,45,10
BNE IOUT3
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47
31
                             00045
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                  13388
15138
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15140
                                                            TR CHI-1,CHI+1, SHIFT OFF E
13344
13356
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10200
                             63685
01200
                                                 25175
25180
25190
25195
                                                                                 SV3,63685 ,,,COMPARE FOR TYPE IOUT
                                                                        CM
BNE
                                                                              IOUT1+11,Q113,8, OUTPUT TYPE SYMBOL
                                                             *•••••
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49
13368
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                             00113
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13388
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25220
25230
                                                                                IOUT1
                                                                        DORG *-3
           17
                  04696
                             00002
                                                            IOUT3 BTM
                                                                               COLNAM.2.10
                  10081
13264
13576
13567
                                                 25240
25250
25260
25270
                                                                                SYM,4348,8
IDUTER
13400
13412
                             04348
01400
13424
13436
                             01200
                                                                        BNE
                                                                                IOUT4
IOUT1+11,118,8, OUTPUT PUNCH SYMBOL
           16
                             00118
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14
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CHI,63,10
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13484
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                                                 25300
                                                                        BNE
                                                                                04696
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                                                 25310
                                                                        BTM
                                                 25320
                                                 25325
25530
13508
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47
                  13556
                             01400
                                                                        вν
                  13556
                                                25540
25345
25350
25360
25370
25380
25390
25400
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25430
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TR CHI-1,CHI+7
AM IOUT1+11,10
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HOUTI+11,0116,8, OUTPUT ACCEPT SYMBOL
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TFM
13624
           49
                 13448
                             00000
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                                                                                IOUT5
                                                            13632
                                                 25450
25460
13639
                  00008
                                                 25470
13640 32 07068 00000
                                                 25480
                                                 25481
25485
                                                                                                                                                                                        76
13652 15
                 10113 00001
***
               1620 FORTRAN II-D
                                               PHASE 1-B
                                                                                                                                    NOVEMBER, 1966
                                                                                                                                                                       PAGE 47
LOCTN
                                Q
                                                 PG/LN LABEL MNEM OPERANDS AND REMARKS
                                                                               CHI,69,10
IOZ
CHI,40,10
                                                 25490
13664
                  15139
                             00069
           14
46
13676
13688
                  13872
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                                                 25495
                  15139
                             00040
                                                 25497
                                                                        CM
                                                                                                    ,,,CHECK FOR VARIABLE FORMAT
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USEDFS+29,1
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PUT,9998,8
PUT,123,8
USEDFS+28,1
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                                                                        TDM
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25525
25526
25527
                                                                                 OUTSW
FNTSW2+7,*+48
CSORN,*+12
FNTSW2+7,LUXIT
                                                                        SF
TFM
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05738
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13792
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TFM
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07446
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2552A
2552B
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FNTSW2+7, LUXIT
CSORN-1, IOA
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                                                                                 LUXIT
                                                 2552Z
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                                                                        TDM SMADD,1,6,
B *+32
DORG *-3
BD *+24,SMADD,11,
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                              00001
                                                                                                                SET DIGIT FOR FORMAT STAMMT NUMBER
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13928
13940
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                             07242
                                                                                                                TEST IF STAMNT NUMBER CORRESPONDS TO FMT I/O STATEMENT NO. NOT A FORMAT NUMBER
                                                                        BD
BTM
                                                                       BTM ERROR,277,9,
BNR *+20,CHI+2
B BEGIN
DORG *-3
CM CHI,23,10
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                                                            IOA
13964
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                             00023
                                                                        CM
BE
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17
17
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25660
25670
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                  09384
09084
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15139
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00123
15140
                                                                                ERROR,278,9, MISSING COMMA OR INVALID LIST ELEMENT PUT, 123,8,COMMA CHI-1,CHI+1
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                                                             IOLER
14008
14020
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14
47
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CHI,69,10
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IOLER
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CSORN,10A
IOLOOP,0,10
CHI,24,10
IOLER
PARCNT,1,10
PUT. 124
14068
           46
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                             01100
                                                 25720
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14116
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25740
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11
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                  13996
02615
09084
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25790
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14152
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CHI-1,CHI+1
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CHI,24,10
IOG
CHI,40,10
IOB+12
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14271
15139
14636
15139
14116
                             15140
00001
00024
01200
00040
                                                 25800
25810
25820
25830
14164
14176
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11
14
46
14
47
14178
14188
14200
14212
14224
                                                 25840
                                                            IOD
                                                 25850
25860
25870
                             01100
                                                                        BNH
14236
14248
14260
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13996
07068
                                                                                CHI,69,10
IOLER
OUTSW
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                                                 25880
                             00000
                                                                        SF
                                                            TOLOOP DC
BTM
                                                                               2,0,*
CSORN,*+12,,
14271
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                                                 25890
          17
                             14284
                                                                                                                COLLECT LIST ELEMENT
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LOCTN OP
                   P/L
                                ۵
                                                 PG/LN LABEL MNEM OPERANDS AND REMARKS
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                                                 25910
                                                                        BNR
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PUT,
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                                                                                             123,8,COMMA
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25970
25980
                                                                               IOSW
CHI-1,CHI+1
 14340
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                              00000
14352
14364
14372
14372
                  15138
14212
                             15140
                                                                        DORG *-3
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           44
                  13996
                             10113
                                                 26000
                                                            IOE
                                                                        BNF
                                                                               IOLER, IOSW
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47
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14116
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CHI,33,10
IOB+12
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                                                 26030
                                                                                           133,8,EQUAL
,FXORFL,, BRANCH TO COLLECT INDICE OF ARRAY LOOP
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                                                                               PUT, 133,8,E
DOA-36,FXORFL,,
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14444
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26060
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                              00000
                                                                                IOLER
 14452
                                                                        DORG
                                                 26070
                                                                            RETURN HERE FROM DO CODFING ' *****
                                                 26080
                                                            *****
                                                                               ETURN HEIGE
CHI,4+10
IOLER
DUT. 104,8,RIGHT PAREN
14452
14464
14476
                                                 26090
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                              00004
           47
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                             01200
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                                                                               PUT, 104
CHI-1,CHI+1
PARCNT,1,10
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02615
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                                                 26140
                                                                        BN
                                                                                TOLER
                                                                               IOLER
IOLOOP,1,10
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IOLER-24,CHI+2
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13972
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                                                                        BNR
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CHI,23,10
IOLER
PUT, 123,8,COMMA
CHI-1,CHI+1
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14628
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                                                                                IOSW
                                                                                IOD
                                                                        DORG
                                                 26260
 14636
                  09084
                             00124
                                                 26270
                                                            IOG
                                                                        втм
                                                                               PHT.
                                                                                             124,8,LEFT PAREN
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15140
00001
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26290
26300
 14648
                                                                                PARCNT,1,10
 14660
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                                                                                CHI-1, CHI+1
IOLOOP, 1, 10
                                                                        TR
AM
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                                                                               TOCHI,24,10
TOD
PUT, 124,8,LEFT PAREN
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BTM
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IOLOOP,1,10
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14756
14764
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26410
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TEM IORT,*+23
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16000
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                                                                               INPT,BLK4,7
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49
16024
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                             00500
                                                 26420
                                                                        TRA
16036
16000
                                                 26430
26440
                                                                        TCD
                                                                      TCD 16000
OUT OF CORE BLOCK 5 CONTAINS THE FOLLOWING
                                                 26450
26460
                                                                      DUTSC
                                                                                                                                                                                      78
              1620 FORTRAN II-D
                                               PHASE 1-B
                                                                                                                                   NUVEMBER, 1966
                                                                                                                                                                      PAGE 49
LOCTN OP
                  P/L
                                                PG/LN LABEL MNEM OPERANDS AND REMARKS
                                                 26470
                                                                      DKIO
                                                                       DORG IOUT
TEM EMON
                                                                              IOUT
FMON+35,BLK4,,
FMON,IOUT
FMON+35,BLK2
FMON,MONARA
FMON+35,BLK1,,
FMON,JOIM
FMON+35,BLK1,,
FMON+35,BLK6,,
FMON+35,BLK6,,
FMON+35,BLK6,,
FMON+35,BLK6,,
FMON+35,BLK6,,
FMON+35,BLK6,,
FMON+35,BLK6,,
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09724
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26550
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10284
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                  02324
                                                 26560
                                                                       BTM
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26580
26590
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02359
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FMON,RETURN
FMON+35,BLK1,,
                                                                       BTM
TFM
BTM
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                                                 26620
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16
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                                                 26630
26640
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                                                                                                                RETURN
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                                                                       TFM
                                                                                                                FORMAT
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                                                                               FMON . FORMAT
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TFM
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DOLOOP
FMON+35,BLK3,,
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26680
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                                                                                                                ASCAN
                                                                               FMON, ASCAN
SC1, SINGST,,
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10464
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                             10100
                                                 26710
26720
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10476
10488
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                  02268
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                                                 26730
                                                                        MOT
                                                                               USEDFS+5,1,,
                                                                                                                DISK I/O
                                                                       DORG ASCANI
OUTPUT DO STATEMENT CODE IS HERE
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                                                 26740
26750
12058
                                                 26760
                                                          **
                                                 26770
                                                                       DORG DDE+24
THE FOLLOWING INSTRUCTION IS A CHANGE TO DO STATEMENT CODE
RD DKF.IOSW,, RETURN TO I/D SCAN
                                                 26780
26790
12950
12950
          43 14396 10113
                                                 26800
                                                                       BD DKF,10SW,, RETURN TO 1/0 SCAN
DORG DDEE
BD DKF,10SW
DORG IOUTEN
ENTER HERE TO DECODE DISK I/O STATEMENTS ***
SF DKIO.,, FLAG FOR FETCH AND RECORD
CM CH1,43,10
13110
                                                 26810
                                                 26820
26830
26840
           43
                14396
                             10113
13172
13184
                 10488
15139
                                                            DKIDEN SF
           32
14
                             00000
                                                 26850
26860
                             00043
                             01200
00142
00048
                                                 26870
26880
26890
                                                                               DKIN1
DKPUT+11,0142,8,
CHI+2,48,10,
13196
13208
                  13264
13535
                                                                                                               FETCH SYMBOL
CHECK FOR H
                 15141
04300
15138
 13220
13232
                             01200
                                                 26900
                                                                       BNE
                                                                               ERR01
13244
           31
                              15142
                                                 26910
                                                                        TR
                                                                               CHI-1,CHI+3,,
                                                                                                                SHIFT OFF TWO CHARACTERS
 13256
           49
                                                                                DKLIST
                                                 26930
                                                                       DORG *-3
                                                                               CHI.44.10
13264
           14
                 15139
                             00044
                                                 26940
                                                          DK IO1
                                                                       CM
13276
13288
13300
                  13332
10488
13535
                                                 26950
26960
26970
                                                                               DK IO2
DK IO,,,
DK PUT+11,0144,8,
           47
33
16
                             01200
00000
                                                                        BNE
                                                                                                                NO FLAG FOR FIND
FIND SYMBOL
                                                                       CF
TFM
                             00144
```

NOVEMBER, 1966

PAGE 48

13312 31 13324 49

17 04696

TR B

DK I 02

DORG

BTM

CHI-1,CHI+1,, DKLIST

G *-3 COLNAM,03,10

SYM, ORDCT+4 ERRO1 SHIFT OFF ONE CHARACTER

1620 FORTRAN II-D

PHASE 1-B

```
1620 FORTRAN II-D
                                                                                                                                                            NOVEMBER, 1966
                                                                                                                                                                                                      PAGE 50
                                                        PHASE 1-B
LOCTN OP
                       P/L
                                      Q
                                                          PG/LN LABEL MNEM OPERANDS AND REMARKS
                     04300
15138
13535
                                                                                     BNE
TR
TFM
13368
13380
13392
                                                          27040
27050
                                                                                               ERRO1
                                                                                              ERRO1
CHI-1,CHI+5,,
DKPUT+11,0146,8,
DISKSW,1,11,
CHI,24,10,
DKER
                                                                                                                                     SHIFT OFF THREE CHARACTERS
RECORD SYMBOL
SET SW TO INDICATE DISK I/O
CHECK FOR LEFT PAREN
                                   09146
                                                          27060
13404
13416
13428
13440
                     02383
15139
13752
                                   0000±
00024
                                                          27070
27080
                                                                       DKLIST
                                                          27090
                                                                                     BNE
                                   01200
                                                          27100
27110
27120
                                                                                               IOSW,1
CHI-1,CHI+1,,
CHI,69,10
             15
                     10113
                                   00001
                                                                                     TDM
13452
13464
                     15138
15139
                                   15140
000<del>6</del>9
                                                                                                                                     SHIFT OFF LEFT PAREN
                                                          27130
27140
27150
                     13500
13476
                                   01300
                                   000<del>0</del>1
000<del>4</del>0
01300
                                                                                               DKPUT+11,1,10,
CHI,40,10
DKER
13488
                     13535
                                                                                                                                     ADD ONE FOR LITERAL
13500
13512
                     15139
13752
                                                          27160
                                                                                     BL DKER
BTM PUT,,
BTM PUT,0124,8,
SF OUTSW
BTM CSORN,*+12
BD *+20,FXORFL
B DKER
CM CHI,04,10,
NKER
                                                                                     ВL
13524
                                                                                                                                     OUTPUT DISK I/O SYMBOL
OUTPUT LEFT PAREN
              17
                     09084
                                   00000
                                                          27170
                                                                       DKPUT
13536
13548
             17
32
17
                     09084
07068
05738
                                   00124
00000
£3572
                                                          27180
27190
 13560
                                                          27200
                                                          27200
27210
27220
27230
27240
27250
 13572
                       13592
13584
13591
13592
                    13752
                                   00000
              14
47
                                   0000
                                                                                                                                     CHECK FOR RT PAREN
                                                                                              CHI,04,10,

DKER

PUT,0104,8,

BEGIN,DKIO,,

PUT,0123,8,

CHI-1,CHI+1,,

*+24,CHI+2

ERROR,472,9,

DKSWI-1,SWSET
                     13752
13604
                                   01200
                     09084
02626
09084
                                   0<del>0</del>104
10488
0<del>0</del>123
15140
                                                          27260
27270
27280
                                                                                                                                     OUTPUT RT PAREN
BRANCH TO BEGIN IF FIND STMNT
OUTPUT COMMA
 13616
             17
13628
13640
                                                                                     втм
                                                          27290
27300
27310
                                                                                                                                      SHIFT OFF RT PAREN
 13652
                     15138
                     13688
09384
                                   15141
00<del>4</del>72
                                                                        DKL
                                                                                                                                     DISK I/O STMNTS MUST HAVE LISTS INIT SWITCHES
                                                          27320
27330
27340
27350
                     14303
13788
13688
              31
                                   14678
                                                                                      TR ·
                                                                                               DKSW1-1,SWSET-4,,
                                                                                              DKB
*-3
*+20,CHI+2
 13700
             49
                                   00000
                                                                                     B
DORG
13708
13708
                      13728
                                                                       DKA
                                                                                     BNR
                                                          27360
27370
27380
27390
27400
                                                                                              BEGIN
*-3
CHI,23,10
*+24
 13720
             49
                    02626
                                   00000
 13728
                                                                                      DORG
 13740
13752
             46
17
                     13764
                                   01200
                                                                                               ERROR • 471 • 9
                                                                       DKER
                                                                                     RTM
13764
13776
13788
                                                          27410
27410
27420
27430
                                                                                               PUT,0123,8,
CHI-1,CHI+1,,
CHI,40,10
                     09084
                                    00123
                                                                                                                                      OUTPUT COMMA
                                                                                                                                      SHIFT OFF ONE CHARACTER
                      15138
15139
                                   15140
00040
                                                                       DKB
                                                          27430
27440
27450
27460
27470
27480
27490
27500
13800
13812
13824
13836
                     14000
15139
13752
07068
                                   01100
000<del>6</del>9
01100
00000
                                                                                     BNH
CM
BH
                                                                                              DKC
CHI,69,10
DKER,,,
OUTSW
                                                                                                                                     LITERAL ITEM ON LIST
             32
17
                                                                                              OUISW
CSORN,*+12
*+20,SMCNT,11
DKER,,,
 13848
                     05738
                                   1-3860
                                                                                     втм
 13860
13872
13880
13880
                     13880
                                   07295
                      13752
                                                                                                                                     FUNCTION NAME
                                                                                     B DORG *-3
BD *+32,SMCNT,11,
                                                          27510
             43
15
                    13912
                                   07295
                                                                                                                                     DIGIT IMPLIES AN ARRAY NAME
                                                          27520
                                                                                     TDM DKSW2,2
B *+20
DORG *-3
                     14306
13924
 13892
                                   00002
                                                          27530
 13904
13912
13912
                                                          27540
27550
                                                                                              DKSW2,1
*+20,DKSW1
                     14306
                                   00001
                                                          27560
                                                                                     TDM
13924
13936
             43
                     13944
13980
                                   00000
                                                          27580
                                                                                              DKB1+12
                                                                                     DORG
C
 13943
                                                           27590
                                                                                                                                                                                                                      80
                                                          27600
                                                                                              DKSW1,DKSW2
13944
             24
                     14304
                                 14306
                 1620 FURTRAN II-D
                                                        PHASE 1-B
                                                                                                                                                            NOVEMBER, 1966
                                                                                                                                                                                                     PAGE 51
LOCTN OP
                       P / I
                                      Q
                                                          PG/LN LABEL
                                                                                    MNEM OPERANDS AND REMARKS
                     13708
09384
                                   01200
00<del>4</del>73
                                                          27610
27620
 13956
13968
                                                                                               DKA
ERROR,473,9,
                                                                       DKB1
                                                                                                                                     ARRAYS AND SIMPLE VARIABLES ON SAME I/O
                                                         27640
27650
27660
27670
27680
 13980
              25
                      14304
                                   14306
                                                                                     TD
                                                                                              DKSW1,DKSW2
 13992
14000
                      13708
                                                                                               DKA
                                                                                   DORG *-3
THE FOLLOWING HANDLES IMPLIED DO LOOPS IN LISTS
TFM DKLOOP,0,10
                                                                                             OLLOWING HANDLI

DKLOOP,0,10

CH1,24,10

DKER

PARCNT,1,10

PUT,0124,8,

CH1-1,CH1+1,,

DKLOOP,1,10

CH1,24,10
 14000
                                   00000
                                                                       DKC
14012
                      15139
                                   00024
                                                          27690
27700
27710
 14024
                     13752
                                   01200
                                                                                     BNE
AM
                     02615
09084
15138
 14036
14048
                                                                                                                                     OUTPUT LEFT PAREN
SHIFT OFF ONE CHARACTER
                                                                                     BTM
                                   0<del>0</del>124
15140
 14060
                                                          27720
27730
             11
14
46
14
 14072
                      14167
                                   00001
                     15139
14544
15139
 14084
14096
                                    000<del>2</del>4
                                   01200
                                                          27750
                                                                                     ΒE
                                                                                              DKG
CHI,40,10
                                                          27760
 14108
                                   00040
                                                                       DKD
 14120
14132
                      14012
15139
                                   01100
000<del>6</del>9
                                                                                              DKC+12
CHI,69,10
                                                                                             DKER
OUTSW
2,0,*
CSORN,*+12
*+20,5MCNT,11
DKER,,, FUNCTION NAME
NSW1,DKSW2
DKB1
DKSW1,DKSW2
CHI,23,10
DKE
PUT,0123,8, OUTPUT COM
CHI-1,CHI+1
DKE
2,*-3
 14144
14156
                      13752
                                   01100
                                                          27790
                                                                                     вн
                                                                                               DKER
                                                          27800
27810
27820
27830
             32
                      07068
                                   00000
                     00002
05738
14200
13752
14236
14304
13968
14304
15138
14316
                                                                       DKLOOP
             17
45
49
                                   <del>1</del>4180
                                  07295
                                                                                     BNR
                                                          27830
27840
27850
27860
27870
27880
 14192
14200
14212
14224
14236
14248
                                   14304
             24
47
25
14
47
                                                                                     TD
CM
                                   00023
                                                          27890
                                                                       DK D1
                                  01200
0<del>0</del>123
15140
                                                          27900
27910
27920
 14260
14272
                                                                                     BNE
                                                                                                                             OUTPUT COMMA
 14284
14296
             31
32
                                                                                     TR
                                  00000
                                                          27930
                                                                                              2,*-3
2,*-1
DKD
                                                          27940
27950
27960
14304
                      00002
                                                                       DKSW1
 14306
14308
                     00002
14108
                                                                       DKSW2
 14316
                                                          27970
                                                                                     DORG
                                                                                              *-3
14316
14328
14340
                     13752
14316
15139
                                  14316
00000
000<del>3</del>3
                                                          27980
27990
                                                                                               DKER, DKE
                                                                       DKE
                                                                                              DKE
CHI,33,10
                                                          28000
                                  01200
00133
06453
                                                                                              DKC+12
PUT,0133,8,
DOA-36,FXORFL,,
 14352
14364
                     14012
09084
                                                          28010
28020
                                                                                                                                     OUTPUT EQUAL SYMBOL
GO TO DO CODING FOR IMPLIED DO LOOP
 14376
                     12482
                                                          28030
                                                                                     ΒD
 14388
                     13752
                                   00000
                                                          28040
                                                                                               DKER
 14396
                                                          28050
                                                                                     DORG
                                                                                   RETURN HERE FROM DO CODING
CM CHI,04,10
BNE DKER
                                                          28060
28070
 14396
                     15139
13752
                                                                     DKF
                                   00004
14408
14420
14432
14444
14456
14468
                                  01200
00104
15140
00001
01300
                                                          28080
                                                         28080
28090
28100
28110
28120
28130
                                                                                              DKER
PUT,0104,8,
CHI-1,CHI+1
PARCNT,1,10
DKER
DKLOOP,1,10
                     09084
                                                                                                                                     OUTPUT RT PAREN
                     15138
02615
13752
             12
47
                     14167
                                   00001
                                   01200
15141
00000
                                                          28140
28150
28160
                                                                                              *+32
DKER-24,CHI+2
BEGIN
14480
                      14512
                     02626
                                                                                     DORG *-3
14512
                                                          28170
```

```
NOVEMBER, 1966
                                                                                                                                                                    PAGE
****
              1620 FORTRAN II-D
                                               PHASE 1-B
LOCTN DP
                   P/I
                                Ω
                                                PG/LN LABEL MNEM OPERANDS AND REMARKS
14512
14524
                 15139
13752
                                                28180
28190
                                                                              CHI,23,10
DKER
                             01200
                                                                       BNE
                                                                              DKD1
*-3
PUT,0124,8,
14536
           49
                 14248
                             00000
                                                28200
14536
14544
14544
14556
14568
14580
                                                28210
28220
                             00124
                                                                                                              OUTPUT LEFT PAREN
                  09084
                                                           DKG
                                                                      втм
                 02615
15138
14167
                                                                              PARCNT,1,10
CHI-1,CHI+1
DKLOOP,1,10
CHI,24,10
                             00001
                                                 28230
                                                                       AM
                             15140
000<del>0</del>1
                                                 28240
28250
                                                                       TR
AM
14592
14604
                 15139
14108
                                                28260
28270
                                                                      CM
BNE
                             00024
                             01200
                                                                              DKD
PUT,0124,8,
14616
14628
14640
14652
                 09084
                             00124
                                                 28280
                                                                      BTM
                                                                                                              OUTPUT LEFT PAREN
                 09084
02615
15138
14167
                                                28290
28300
28310
                                                                              PARCNT,1,10
CHI-1,CHI+1
DKLOOP,1,10
                             00001
                                                                       ΔM
                                                                      TR
AM
                             0000
                                                28320
28330
 14664
           49
                  14108
                             00000
                                                                              DKD
14672
14673
14679
                                                                      DORG *-3
DAC 3,ORD
DC 2,00
                 00003 X2
00002
                                                           DRDCT
                                                28340
28350
                                                28360
28370
28380
                                                                      DC 3,00a
DDRG 16000
TFM IORT,*+23
 14682
                  00003
                                                            SWSET
 16000
                 00565
00532
16000
                             ±6023
 16012
                             09816
                                                28390
                                                                              INPT.BLK5.7
 16024
                  00012
00012
                             00500
                                                 28400
                                                                       TRA
                                                 28410
                                                                     TCD 16000 .
OUT OF CORE BLOCK 6 CONTAINS THE FOLLOWING
16000
                                                 28420
                                                28430
28440
                                                                     DUTSC
                                                                     CALL
                                                 28450
                                                                     RETURN
IF
                                                28460
28470
28480
28490
28500
                                                                     IFSENSESWITCH
GOTO
10200
10200
10212
                                                                      DORG IOUT
                 02359
                            09793
                                                                              FMON+35.BLK4..
                                                                                                               TOUT
                 02324
02359
02324
                             ±0200
⊕9747
±0224
                                                28510
28520
28530
                                                                              FMON, IOUT
FMON+35, BLK2
FMON, NONARA
10224
                                                                              FMON+35,BLK1,,
FMON,DIM
FMON+35,BLK1,,
FMON,COMMON
10248
           16
                 02359
                             09724
                                                 28540
                                                                       TFM
                                                                                                              DIM
10260
10272
10284
                                                28550
28560
28570
                 02324
                             10248
09724
                                                                                                               COMMON
                 02324
                             ±0272
                                                                      BTM
10296
           11
                 02615
                             00001
                                                28580
                                                                      ΔМ
                                                                               PARCNT, 01, 10,
                                                                                                              ΙF
                            00000
                                                28590
28600
10308
                  13284
                                                                      B
CM
                                                                              IF1
CHI,56,10,
                  15139
                                                                                                              GOTO
                                                                      B
CM
10332
                  14120
                             00000
                                                28610
                                                                              GOTOEN
                                                28620
28630
28640
                                                                              CHI,53,10,
CALLEN
COLNAM,03,10,
10344
                 15139
                             00053
                                                                                                              CALL
 10356
10368
                 12058
04696
                                                                      B
B
T
M
                                                                                                              RETURN
10380
                 13166
                             00000
                                                28650
                                                                              RETRN
                                                                      B
TFM
                                                                              FMON+35,BLK1,,
FMON,FORMAT
FMON+35,BLK4,,
10392
                 02359
                             49724
                                                 28660
28670
                                                                                                              FORMAT
10404
10416
                             10392
09793
                  02324
           16
                 02359
                                                 28680
                                                                                                              000
                                                                      BTM
TFM
BTM
                                                                              FMON,DOO
FMON+35,BLK3,,
FMON,ASCAN
10428
           17
                 02324
                             +0416
                                                28690
10440
10452
                                                28700
28710
                  02359
                             09770
                                                                                                               ASCAN
10464
           43
49
                 10884
                             10100
                                                28720
                                                                      BD
                                                                              SC1,SINGST,,
OUTSC1
                                                                                                              OUTSO
                                                                                                                                                                                  82
10476
                 10512
                             00000
                                                28730
****
               1620 FORTRAN II-D
                                               PHASE 1-B
                                                                                                                                 NOVEMBER, 1966
                                                                                                                                                                   PAGE
         OP
LOCTN
                                                PG/LN LABEL MNEM OPERANDS AND REMARKS
                 02359
02324
                                                28740
28750
                                                                            FMON+35,BLK5,,
FMON,DKIO
                            <del>9</del>9816
                                                                                                              DISK INPUT/OUTPUT
 10500
                                                                           OUTSC CODE IS HERE
                                                28760
                                                28770
28780
28790
28800
                                                                      DORG ASCAN1
ENTER HERE TO DECOMPOSE CALL STATEMENT
BNE ERRO1
TR CHI-1:CHI+1
12058
12058
12070
                            01200
15140
                  04300
15138
                                                           CALLEN
           31
17
                                                                             COLNAM,04,10
SYM,EXITCT+6
CALLER-48
 12082
                  04696
                             00004
                                                28810
                                                                      втм
                            13129
01400
01200
13137
12094
12106
                  10081
12154
                                                 28820
28830
                                                                      C
BV
                 12662
10081
12718
12118
                                                 28840
28850
                                                                      ВE
                                                                              EXITCD
12130
12142
12154
                                                                               SYM, LINKCT+6
LINKCD
                                                                       C
BE
                                                28860
28870
28880
28890
                             01200
           15
17
14
46
                 10111
09084
15139
12214
                                                                              CALLSW,1
PUT, 1
CHI,40,10
                             00001
                                                                       TOM
12166
12178
12190
                             0<del>0</del>138
                                                                                             138,8,CALL
                                                                      CM
                             01100
                                                 28900
                                                                      вн
                                                                      BTM
CM
BH
                                                                              ERROR, 279,9,
12202
           17
                  09384
                             00279
                                                 28910
                                                           CALLER
                                                                                                               INCORRECT CALL NAME OR LIST
                 15139
12202
07068
05738
                                                                              CHI,69,10
CALLER
OUTSW
 12214
                             00069
                                                28920
28930
 12226
 12238
12250
           32
17
                             00000
                                                 28940
                                                                       RTM
                             +2262
                                                 28950
                                                                              CSORN.*+12
12262
12274
12286
                 12338
12318
09084
                                                28960
28970
                                                                              CALLB, CHI+2
CALLA, INSW
PUT, 0153,8,
                                                                       BNR
                                                                      BD
BTM
                                                                                                              FUNCTION OPERATOR CALL
                             09153
                                                 28980
                                                28990
29000
29010
                                                                              SMCNT,,6
1,@,*
BEGIN
12298
           15
                 07295
                             00000
                                                                       TDM
12309
12310
                 00001
02626
                                                                      DC
                             00000
12318
                                                 29020
                                                                       DORG
                                                                              *-3
ERR09,SMCNT,11
12318
12330
                 08004
                             07295
                                                29030
29040
                                                           CALLA
                                                                      BNR
                  02626
                             00000
                                                                               BEGIN
12338
12338
                                                 29050
                                                                      DORG
                                                                              *-3
*+24.FNTSW
                 12362
09384
12382
12350
                                                29060
29070
29080
29090
                                                                      BD
BTM
           43
17
                             10102
                                                            CALLB
12350
12362
12374
                                                                              *+24,FNTSW
ERROR,279,9,
*+20,FNTSW
*-24,,,
                             00<del>2</del>79
                                                                                                               SYM PREVIOUSLY USED NOT AS CALL NAME
                                                                       BNF
                             00000
                                                                                                              TRYING TO CALL SINGLE STATMNT FUNCT
                                                29100
29110
29120
29130
29140
                                                                       DORG *-3
 12382
12382
12382
12394
12406
12418
12430
12442
                                                                              FNTSW,0
CHI,24,10
CALLER
                  10102
15139
12202
                             oponio
                  09084
                             00124
                                                                               PUT, 124
PARCNT, 1, 10
                                                                                             124,8, LEFT PAREN
           11
                 02615
                             00001
                                                 29150
                                                                       AM
                                                                              CHI+2,4,10,
CALLER
ASCAN+23,CLASEN
                  15141
                             0000
                                                 29160
                                                                                                               TEST FOR NO FUNCTION ARGUEMENTS
 12454
12466
                                                 29170
29180
                                                           CALL1
                                                                      TFM
           16
49
                  10463
                             ±4678
12478
                 10440
                             00000
                                                 29190
                                                                               ASCAN,,,
                                                                                                              GO TO ARITHMETIC SCAN
12486
12486
                                                 29200
29210
                                                                              *-3
CHI,23,10,
                                                                       DORG
                             000<del>2</del>3
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12498
           47
                  12530
                             01200
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                                                 29220
                                                                       BNE
                                                                               *+32
                                                 29230
29240
29250
                                                                       BTM
B
 12510
                 09084
                                                                              PUT.
                                                                                          123,8,COMMA
                  12466
                             00000
                                                                      DORG *-3
CM CHI,4,10
12530
12530
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                 15139
                             00004
                                                 29260
                 12574
10463
                             01200
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29280
12542
                                                                               *+32
 12554
                                                                              ASCAN+23, ASC1
                                                                                                              GO TO SCAN ARITH EXPRESSION OPERATOR
12566
           49
                 10440
                             00000
                                                 29290
                                                                       B ASCAN,,,
DORG *-3
                                                                                                                                                                                    83
12574
                                                 29300
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                 1620 FORTRAN II-D
                                                        PHASE 1-B
                                                                                                                                                              NOVEMBER, 1966
                                                                                                                                                                                                        PAGE 54
LOCTN OP
                       P/L
                                       Q
                                                          PG/LN LABEL MNEM OPERANDS AND REMARKS
                                                                                       BTM
SM
TR
BZ
                                                                                               PUT, 104,8,RIGHT PAREN
PARCNT,1,10
                      09084
                                                           29310
12574
                                   00104
                     02615
15138
12642
12586
12598
                                   00001
                                                           29320
                                   15140
01200
                                                                                               CHI-1,CHI+1
*+32
                                                           29330
                                                           29340
                                                                                      BX CALL2,CHI+2
B CALLER
DORG *-3
BNR CALLER,CHI+2
B BEGIN
12622
              45
                      12486
                                   15141
                                                           29350
                                                           29360
29370
29380
12634
              49
                     12202
                                   00000
12642
12642
12642
12654
             45
49
                     12202
                                   15141
                     02626
                                   00000
                                                           29390
                                                                        B BEGIN
DORG *-3

EXITCD BNR CALLER-48,CHI+10
TDM TRIND,1,11
BTM PUT,0131,8,
BTM PUT,0140,8, DU
B BEGIN
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12674
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02609
09084
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29430
29440
29450
                                                                                                                                       CALL EXIT SYMBOL
 12686
 12698
                      09084
                                                                                                                             DUMMY
 12710
                     02626
                                   00000
                                                                                      B DEGIN

DORG *-3

CM CHI+8,24,10

BE *+32

BNR CALLER-48,CHI+8

B ERRO1
12718
                                                           29460
                                                          29470
29480
29490
29500
                                                                        LINKCD CM
BE
BNR
12718
             14
                     15147
                                   00024
12730
12742
12754
              46
45
49
                      04300
                                   00000
                                                                                               ERRO1
*-3
TRIND,1,11
PUT,0152,8,
PUT,0140,8
PUT,0140,8
CHI-1,CHI+9
CHI,40,10
CALLER
12762
                                                           29510
                                                                                       DORG
                     02609
09084
09084
             15
17
                                                                                       TDM
BTM
12762
                                   0000 t
                                                           29520
12774
12786
12798
                                   0000F
00152
00140
00140
                                                          29530
29540
29550
                                                                                                                                       CALL LINK SYMBOL
                     09084
                                                                                       RTM
12810
12822
12834
                      15138
15139
                                    15148
000<del>4</del>0
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29570
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                                   01100
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                                                                                       BNH
                                                                                       CM
BH
TR
                                                                                                CHI,69,10
CALLER
OUTAR,MASKLK
 12846
                      15139
                                   00069
                                                           29590
12858
12870
                     12202
13138
                                   01100
13152
                                                          29600
29610
             26
31
16
                     13139
15138
12968
                                                          29620
29630
29640
                                                                                                OUTAR+1,CHI
CHI-1,CHI+1
LKCD3+6,OUTAR+3
12882
                                    15139
                                   15140
+3141
12894
 12906
                                   00040
                      15139
                                                           29650
                                                                        LKCD1
                                                                                                CHI,40,10
LKCD4
12918
12930
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47
                      13006
                                                           29660
                                                                                       RNH
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04300
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                                                           29670
                                                                                       BNR
                                                                                                LKCD3, LKCD3+6,11
 12954
              49
                                                           29680
                                                                                                ERR01
                                                                                       DORG *-3
12962
                                                           29690
                                                           29700
29710
29720
                                                                                      TF
TR
AM
                                                                                                ,CHI,
CHI-1,CHI+1
LKCD3+6,02,10
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                                                                                               *-3
CHI,04,10
ERRO1
ERRO1,CHI+4
OUTAR+2
                                                                                      DORG
CM
BNE
13006
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04300
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13006
13018
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47
45
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15143
00000
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29770
                                                                       LKCD4
                                                                                       BNR
13042
13054
                                                           29780
                                                           29790
29800
29810
                                                                                                OUTAR+6
OUTAR+10
                                   00000
                                 00000
00000
13141
13145
13149
00000
13066
13078
                     13148
09084
                                                                                      вт
                                                                                                PUT, OUTAR+3
                                                                                      BT
BT
                                                                                                PUT,OUTAR+7
PUT,OUTAR+11
BEGIN
13090
              27
                     09084
                                                           29820
                                                           29830
29840
 13102
                      09084
13114
13122
                      02626
                                                                                      DORG *-3
                                                           29850
                     00004 X2
00004 X2
13123
13131
                                                                                                                                                                                                                            84
****
                 1620 FORTRAN II-D
                                                        PHASE 1-B
                                                                                                                                                              NOVEMBER, 1966
                                                                                                                                                                                                        PAGE 55
LOCTN OP
                                                           PG/LN LABEL MNEM OPERANDS AND REMARKS
                      00014
                                                          29880
13138
13155
                                                                        OUTAR DSS
                                                                                                4,0
,*-3
                      00004
                                                           29890
13152
13159
13163
13165
                     00004
00004
00004
00002
                                                           29900
29910
29920
29930
                                                                        MASKLK DS
                                                                                      DC
DC
DC
                                                                                                4,0
4,0
2,0a
                                                                                     DC 2,0a

ENTER HERE TO OUTPUT RETURN STATEMENT
C SYM,URNCT+4
BNE ERRO1
BD *+44,SUBFCT
BTM ERROR2,577,9
BD BEGIN,NOIND
B BEGINA
DORG *-3
BTM PUT, 139,8,RETURN
BTM PUT, 140,8,DUMMY
TDM RTSW,1
B BEGIN
                                                           29940
13166
                      10081
                                   13283
                                                           29950
                                                                        RETRN
13178
13190
13202
                     04300
13234
09440
                                                           29950
29960
29970
29980
                                   01200
                                   02293
00<del>5</del>77
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                     02626
                                   02610
                                                           29990
                                                          30000
30010
 13226
 13234
             17
                     09084
                                   00139
13234
                                                           30020
                    09084
05673
02626
                                   0<del>0</del>140
00001
                                                           30030
30040
13246
             17
13258
13270
                                   00000
                                                           30050
                                                                                                BEGIN
                                                                                     DORG *-3
DAC 3,URN
OUTPUT IF CODING
13278
                                                           30060
                                                                        URNCT
******
                      00003 X2
                                                           30070
30080
                                                                                     TDM TRIND,1,11, SET TRANSFER INDICATOR ON BTM PUT, 107.8,1F SYMBOL BD **20,DDTRAN, TEST IF DO LODP ENDING WITH TRANSFER B **20
DORG *-3
DORG *-3
BTM FDDCCC 5--
                                                           30090
13284
                     02609
                                   00001
                                                           30100
                                                                        IF1
                                                          30100
30110
30120
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13308
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13332
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09084
13340
13352
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0<del>0</del>124
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M ERROR2,571,9
M IFSW,1,,
M STC,3,10
CHI,04,10,
ERRO2
IFSS CODE
M COLNAM,11,10
SVM.SENSUCA2
13340
13352
13364
              17
15
16
14
                                                                                      BTM
TDM
TFM
                      09440
                                   00571
                                                           30160
                     10107
                                   00001
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                                                                                                                                      SET SWITCH TO INDICAT IF STATEMENT
                                                           30180
13376
                     15139
                                   00004
                                                          30190
                                                                                                                                       TEST FOR VACEOUS PARENS
13388
                                   01200
                                                           30200
                                                                                      BE
                                                           30210
                                   000 £1
                                                                                      втм
                                                           30220
13412
                                   14321
01400
01200
                                                                                               SYM, SENSWC+20
*+24
ERRO2+12
ASCAN+23, IFASEN
                      10081
                                                           30230
13424
13436
                     13448
13480
                                                           30240
30250
                                                                                       BE
TFM
13448
             16
49
                     10463
                                   14658
                                                           30260
13460
13468
13468
                                                                                               ASCAN,,,
*-3
ERROR,72,9
                     10440
                                   00000
                                                           30270
                                                                                                                                       GO TO SCAN EXPRESSION
                                                                                      DORG
BTM
                                                                        ERR02
                                                                                               ERRING, 72,9

CHI-1, CHI+21

PUT, 130,8, SENSE SWITCH SYMBOL

CHI,770,10

*+24

ERROR, 174,9, SWITCH NUMBER 1
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                                                          30310
30320
                                                                                      BTM
CM
                     15139
13540
 3504
13516
                                   01100
                                                           30330
                                                                                      BTM
TDM
BTM
TDM
13528
                     09384
                                   00474
                                                           30340
                                                                                                                                       SWITCH NUMBER IN ERROR
                                                          30340
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30360
30370
30380
30390
13540
13552
13564
13576
                     10106
05446
10106
10078
                                   00001
13564
00000
                                                                                                DIMSW,1
CSTNO,*+12,
DIMSW,0
SYM-3
                                                                                      SF
BT
CM
BNE
SM
                                   00000
                                                                                               SYM-3
PUT,SYM,, PUT OUT SWITCH NUMBER
CHI,4,10, LOOK FOR RIGHT PAREN
ERRO2
PARCNT,1,10
PUT, 104,8,RIGHT PAREN SYMBOL
STC,2,10, SET UP TO OUTPUT TWO STATEMENT NUMBERS
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                    15139
13468
02615
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01200
000<del>0</del>1
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30420
13612
13624
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12
13636
13648
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                                   00104
                                                           30430
                                                                                                                                                                                                                               85
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****
              1620 FORTRAN II-D
                                                PHASE 1-B
                                                                                                                                     NOVEMBER, 1966
                                                                                                                                                                        PAGE
                                                                                                                                                                                  56
LOCTN
                                                 PG/LN LABEL MNEM OPERANDS AND REMARKS
13660
                  15138
                              15140
                                                  30450
                                                             OUTSN
                                                                                 CHI-1,CHI+1
13672
13684
                 07068
                             00000
                                                 30460
30470
                                                                                CHI,69,10
*+24
13696
            46
                  13720
                              01100
                                                  30480
13708
13720
13732
13744
13752
                 09384
05446
13752
13776
                                                  30480
30490
30500
30510
30520
                                                                        BTM
BTM
BTM
BD
                                                                                ERROR, 175,9,
CSTNO, *+12,,
*+20, INSW
*+32
                              00±75
±3732
                                                                                                                 INCORRECT STATEMENT NUMBER COLLECT AND OUTPUT STATEMENT NUMBER
                              00000
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                                                                        DORG
                                                                                SMADD,4,10
OUTSNE-12,SMADD,11
OUTSN2,CGTO,,
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30560
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                              0724<del>2</del>
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                                                                                                                  BRANCH IF IN COMPUTED GO TO
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OUTSNE+20
*+32,CHI+2
13788
                 05677
                              00001
                                                  30570
13800
                 13864
                              01100
                                                  30580
30590
                                                                        BH
BNR
                 02626
                                                  30600
                                                                                BEGIN
 13824
           49
                              00000
13832
                                                  30610
                                                                         DORG
13832
13844
                  09384
09440
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30630
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BTM
                                                                                ERROR,77,9
ERROR2,573,9,
                                                             DUTSNE
                                                                                                                  INCORRECT NUMBER OF STATEMENT NUMBERS
                  02626
 13856
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                              00000
                                                  30640
                                                                                 BEGIN
 13864
13864
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                                                                                CHI,23,10
OUTSN+48
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 13876
                  13708
                              01200
                                                  30670
                                                                        BNE
13888
                  13660
                              15143
                                                  30680
                                                                         BNR
                                                                                OUTSN, CHI+4
                                                  30690
30700
                                                                                 OUTSN+48
                                                                        DORG *-3
CM CHI,4,10
13908
13908
           14
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                              00004
                                                  30710
                                                            OUTSN2 CM
                                                                                CHI,4,10

OUTSNE+20

PARCNT,1,10

CHI-1,CHI+1

PUT,104,8

*+24,CHI+2

ERRORR,176,9,

CHI,23,10

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02615
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SM
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30770
30780
30790
 13968
                  13992
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                                                                         RNR
                              00176
00023
 13980
                                                             OUTSN3
                                                                                                                  INDEX OF COMP. GO TO MISSING OR INVALD
13992
14004
                  15139
13980
                                                                        CM
BNE
                              01200
                                                                                CHI-1,CHI+1
CHI,49,10,
DUTSN3
14016
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                                                  30800
                                                                        CM
BL
CM
                                                  30810
30820
14028
                 15139
                              00049
                                                                                                                  TEST FOR FIXED POINT VAR
14040
                              01300
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13980
                              00055
                                                  30830
                                                                                CHI,55,10
OUTSN3
14064
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                                                  30840
                                                                        ВН
                 05738
13980
09084
                             14088
07295
07241
                                                 30850
30860
30870
                                                                                CSORN,*+12
OUTSN3,SMCNT,11
PUT,SMADD-1
14076
           17
                                                                        BTM
BD
14088
14100
                                                                        BT
                                                                                OUTSNE-32
14112
           49
                 13812
                             00000
                                                  30880
                                                                            RG *-3
ENTER HERE TO OUTPUT GO TO STATEMENT
                                                  30890
                                                                        DORG
                                                  30900
                                                                               ERRO1
TRIND,1,11,
*+20,DOTRAN
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14132
                 04300
                              01200
                                                  30910
                                                            GOTOEN
                                                                        BNE
                                                  30920
30930
                                                                        TDM
BD
           15
                 02609
                              00001
                                                                                                                 SET TRANS INDICATOR
14144
14156
14164
           43
49
                  14176
                              00000
                                                  30940
                                                                                *+20
                                                  30950
                                                                        DORG *-3
                                                  30960
30970
30980
14164
           17
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                                                                                ERROR2,571,9
                                                                        втм
14176
14188
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15139
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CM
                                                                                CHI-1,CHI+1
CHI,24,10,
                                                                                                                 TEST FOR COMPUTED GO TO
14200
           46
                 14244
                             01200
                                                  30990
                                                                                COMPLIT
                 05677
                                                 31000
31010
                                                                                STC,1,10
PUT,
                                                                                                                                                                                           86
                                                                                               105,8,GO TO SYMBOL
****
              1620 FORTRAN II-D
                                                PHASE 1-B
                                                                                                                                     NOVEMBER, 1966
                                                                                                                                                                        PAGE 57
LOCTN
         ΩP
                 P/L
                                ω
                                                 PG/LN LABEL MNEM OPERANDS AND REMARKS
14236
           49
                                                  31020
                                                                                OUT SN+12...
                 13672
                             00000
                                                                                                                 BRANCH TO OUTPUT STATEMENT NUMBER
14244
                                                  31030
                                                                        DORG #-3
14244
14256
                              00106
                                                 31040
31050
                  00084
                                                             COMPUT
                                                                                PUT,
                                                                                              106,8,COMPUTED GO TO SYMBOL
                  09084
                              00124
                                                                        BTM
                                                                                PUT,
                                                                                               124,8,LEFT PAREN SYMBOL
14268
           11
                 02615
                             00001
                                                  31060
                                                                                PARCNT, 1, 10
14280
14292
14300
14301
                 10108
13660
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31080
31090
                                                                        TDM CGTO,1
B OUTSN,,,
DORG *-3
                              00001
                                                                                                                 BRANCH TO OUTPUT-STATEMENT NUMBERS
                                                                                11, SENSESWITCH
                 00011 X2
                                                            SENSWC DAC
                                                 31100
                                                                       DORG 16000
TFM IORT,*+23
B IOPT,BLK6,7
                                                 31110
31120
31130
 16000
16000
16012
                 00565
                             16023
                 00532
                             00500
                                                                        B
TRA
16024
16036
                                                  31140
                  00012
                                                  31150
                                                                        TCD
16000
                                                                               16000
                                                  31160
31170
31180
                                                                        DORG FLIP2
DAS 82,,,
DS ,OFLO2-1
DAC 09,PAGE 10,,,
03130
03131
03130
                 00082 X2
00000
                                                            OFLO2
PRNT4
                                                                                                                HEADER INFORMATION
                                                                                                                PAGE CONSTANT
                 00009 X2
03295
                                                  31190
                                                            ** PRINT OVERFLOW PAGE HEADING AND RETURN
DC 5,12345
OFLO BD ONE,PGNUM-2
BD TWO,PGNUM-1
                                                  31200
                                                 31210
31220
31220
31230
03316
                  00005
03318
03330
                  03350
                 03362
                             02221
                                                                                NONUM
PRNT4+174,7,,
PRNT4+176,7,,
03342
                  03374
                                                  31240
03350
03362
                 03304
                              00007
                                                  31250
                                                             ONE
TWO
                                                                                                                ZERO SUPPRESS STUFF
                                                  31260
                              00007
                                                                        TDM
                                                 31270
31280
                                                                                PRNT4+179,PGNUM-,
PRNT4+177,PGNUM-1
PRNT4+175,PGNUM-2
,0971,, SKIP TO 1 I/
03374
           25
                 03309
                             02222
                                                            NONLIM
03386
03398
03410
                 03307
                              02221
                                                  31290
31300
                                                                                                                SKIP TO 1 IMMEDIATE
                  00000
                              00971
                                                                        34
                                                 31310
31320
31330
                                                                                 ,0962,,
IORT,*+23,,
IOPT,OFLO1-4,7,
                                                                                                                DOUBLE SPACE AFTER PRINT
TOTORT-PRINT PAGE HEAD
03422
                 00000
                              00962
03434
03446
03458
                  00565
00532
                                                                                                                ADD 1 TO PAGE NUMBER
           11
                                                                        ΑМ
                 02222
                             00001
                                                  31340
                                                                                 PGNUM . 01 . 10 .
                                                 31350
31360
31370
31380
03470
                  03317
                                                            OFL03
OFL01
                                                                                OFLO2
                                                                                                                RETURN INDIRECT
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                                                             DC 3,18a,, PAGE OVERFLOW DEFINER

** ERROR MESSAGE ROUTINE

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BD LIST1,LIST,, TOTAL LISTING

TD ESNO1+6,ESNO ,, NO LISTING-PRINT COMPLETE MESSAGE

TD ESNO1+4,ESNO-1

TD ESNO1+2,ESNO-2

TD ESNO1+2,ESNO-2
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03498
           26
43
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                                                  31390
31400
                 03662
                             02228
03510
03522
03534
                 03749
03747
03745
                             02724
02723
02722
                                                 31410
31420
31430
31440
                                                                                ESNO1, ESNO-3
ESNOP1+2, ESNOPL-3
ESNOP1+4, ESNOPL-2
ESNOP1+6, ESNOPL-1
03546
                 03743
                              02721
                                                                        TD
                                                 31450
31460
31470
                              02597
02598
03558
                  03757
                  03759
03582
                  03761
                              02599
                                                                        TD
                                                 31480
31490
31500
                                                                                 ESNOP1+8,ESNOPL
IORT,*+23
IOPT,NOLIST-4,7
                                                                        TD
TFM
03594
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                 03763
                              02600
03606
03618
                 00565
00532
                              02000
03629
03725
03630
                  03694
                              03400
                                                  31510
                                                             CHAN12
                                                                        BNI
                                                                                EREXT,3400,,
OFLO-1 ,EREXT,,
                                                                                                                TEST PRINTER CHAN12
SET UP ERROR EXIT AFTER DELOW INDICATION
                                                  31520
31530
31540
03642
03654
                 03317
                              03694
                                                                                OFLO
IORT,*+23,,,
IOPT,ERR-4,7
                                                                        B7
TFM
03662
                  00565
00532
                              03685
                                                             LIST1
                                                                                                                PRINT ERROR IF LISTING
           16
49
03674
                              A3733
                                                  31550
03686
03694
           49
16
                 03630
02510
                                                            B7
EREXT TFM
                                                                                CHAN12
BLK9A+5,FLOP1,,
                                                                                                                                                                                            87
                                                  31570
                             <del>1</del>7207
                                                                                                                MODIFY DDA
```

****	1	620 FOR	TRAN II-D	PHASE	1-B			•	NOVEMBER,	966	PAGE	58
LOCTN	OP	P/L	Q	PG/LN	LABEL	MNEM	OPERANDS AND REMAR	KS				
03706 03718	16 49	02496 02466	0 9428	31580 31590		TFM B7	RETR +6,E94620,, FLOP,,,	MODIFY RETURN				
03729		00005	0 3743	31600	NOLIST		ESNO1					
03732		00003		31610		DC	3,182,,,	DEFINER PRINT	LONG ERROR	xxxx+xxxx	ERROR	ХX
03737		00005	0 3767	31620	ERR	DSA	ERMES1					
03740		00003	v 2	31630	FC+101	DC		DEFINER PRINT	SHORT ERROR	t XX		•
03743 03751		00004		31640 31650	ESN01	DAC	4,0000 2, +					
03755		00002		31660	ESNOP1		5, 0000					
03764		00002		31670	LUNGIT	DSC	2,00					
03767		00009	X2	31680	ERMES1	DAC	9,ERROR OOD					
03784	16	02510	1 7207	31690	CDOFLO	TFM	BLK9A+5,FLOP1,,	MODIFY DDA				
03796	26	02496	02525	31700		TF	RETR +6,PRTCHI-1,,					
03808	16	03317	0 2466	31710		TEM	OFLO-1 ,FLOP,,	SET BRANCH TO	D RESTORE PA	RTIAL		
03820	49	03318		31720		B7	OFLO		T			
03828	16	03863	1 5137	31730 31740	SCN1	TEM	TO SCAN AND PRINT C SCN2+11•CHI-2••	INITIALIZ STA				
03840	11	03863	000002	31750	SCIVI	AM	SCN2+11,CH1-2,, SCN2+11,2,10,	UP THE CURREN				
03852	45	03840	00000	31760	SCN2	BNR	SCN1+12,*-*,	IS THIS AN RE				
03864	16	03899	±5359	31770		TFM	SCN3+11,CHI+220,,	INITIALIZE E	ND OF FIRST	PRINT OUT		
03876	16	04094	±5139	31780		TFM	PRNT2,CHI,,	INITIALIZE DE				
03888	14	03863	0 0000	31790	SCN3	CM	SCN2+11,*-*,	IS THIS THE	END			
03900 03912	46 17	03956 04042	01100 0 3924	31800 31810		BH BTM	SCN4 PRNTI,*+12,,	YES				
03924	16	02510	±7207	31820		TFM	BLK9A+5,FLOP1,,	MODIFY DDA FO	OR RETURN			
03936	16	02496	0 2798	31830		TFM	RETR +6,LNGPRT	MODIFY RETURN				
03948	49	02466		31840		B7	FLOP,,,	RESTORE PARTI	IAL AND RETU	JRN		
03956	26	04036	0389 9	31850	SCN4	TF	SAVE,SCN3+11,11,	NO-SAVE THE	CHARACTER			
03968	16	03899	07936	31860		TFM	SCN3+11,*+*,6,	SET RM AT ENI)			
03979 03980	17	00002 04042	03000	31870		DC	2,00,*	DOINT THE I	ICO EMENT			
03992	26	03899	0 3992 04036	31880 31890		BTM TF	PRNT1,*+12,, SCN3+11,SAVE,6,	PRINT THIS IN				
04004	26	04094	03899	31900		TF	PRNT2,SCN3+11,,	MOVE PRINT DE		: R		
04016	11	03899	00220	31910		AM	SCN3+11,220,9,	UP THE POINT				
04028	49	03888		31920		B7	SCN3					
04036		00002		31930	SAVE	DC	2,99					
04041		00005		31940		DC	5,99999					
04042 04054	16	00565	0 4065	31950	PRNT1	TFM	IORT, *+23,,	PRINT THE INF	PUT STATEMEN)T		
04054	49 47	00532 04041	0 4090 03400	31960 31970		B BNI	IOPT,PRNT2-4,7 PRNT1-1,3400,6,	TEST PRINT CH	14 N 12 BD 4 NC	PACK THO	DECT	
04078	17	03318	03400 0404 1	31980		BTM	OFLO, PRNT1-1,711,	-GO TO OVERFL				
04094		00005	15139	31990	PRNT2	DSA	CHI	US TO GTENTE		O.O. MDORLE	-	
04097		00003		32000		DC	3,180,,	PRINT P/T OR	TYPE INPUT			
04098	16	02510	1 7207	32010	INITAL		BLK9A+5,FLOP1,,,	MODIFY DDA				
04110 04122	16 17	02496 03318	10544	32020		TFM	RETR +6,PRSCN1,,	SET RETURN AL		DADTIAL		
16000	11	02218	0 2466	32030 32040		BTM	OFLO,FLOP,,, 16000	GO TO OVERFLO	OM MITH CALL	PARTIAL		
16000	16	00565	1 6023	32050		TEM	IORT,*+23					
16012	49	00532	02497	32060		В	IDPT, BLK9,7					
16024	36	00012	00500	32070		TRA						
16036	49	00012										
16000 00000				32080		TCD	16000					
00000				32090		DEND						

****	SECOND	PASS FORTR	AN II							NOVEMBER,	1966	PAGE	1
4						SYMBOL	TABLE						
ZUB12B	14174	ZUBC12	14150	ZUBCDS	14102	ZUBCAB	14126	ZODE 17	10242	ZODE15	10218	Z00E14	10194
	10170	ZODESS		ZDSSAB		ZDCALL	10410	YUB12B	14174	YUBC12	14150	YUBCDS	14102
YUBCAB		YODE17		YODE15		YODE14		YODE 12				YDSSAB	
YDCALL XODE14		XUB12B		XUBC12		XUBCDS		XUBCAB		XODE17		XODE15	
WUBCDS		XODE12 WUBCAB		XODESS VRFRBK		XDSSAB USEDCR		XDCALL USDCR1		WUB12B TYPE12		WUBC12 TYPERM	
TYPEM2		TYPEK3		TYPEK2		TYPECR		TYPECN		TBLEND		SYSCAL	
SWAREA		SVTYNB		SVSTNO		SUB12B		SUBPSW		SUBC12		SUBCOW	
SUBCDS		SUBCAB		STEMP2		STEMP1		SRCFFL		SKIPSW		SETNMT	
SETFCT	03508	SAVCOW	07365	SARGSW	13632	SADCOW	11215	RXFLAG	05035	RTNAME	09476	RGRNUL	05784
	04157	RFLSUB (REMGET		RECORD		PUT17I		PUT17C		PUT17B	
PUTX17		PUTX12		PUTPCH		PUTNXT		PUTINS		PUTEST		PUTDIF	
PUTCAD		PUSTSN		PUNTAP		PREBUF		PBLOK1		PATSB2		PATSBO	
PASSII	14552	PARCNT		OUTSEQ		OUTARA		N60182		N60107		N60101	
N60048		N60095 N60046		N60092 N60045		N60085 N60044		N60084 N60043		N60072 N60041		N60049 N60035	
	13570	N60032		N60043		N60074		N60043		N60041		N60033	
	12364	N60018		N60017		N60016		N60015		N60014		N60013	
N60010	10862	N60009	10838	N60007	10794	N40012	03836	N40011	03831	N40010	03826	N40009	03821
	03816	N40007		N40006		N4 0005		N40004		N40003		N40002	
	03781	N40000		N20001		N20000		N147RM		N13133		N13092	
N13089		N13063		N13062		N07495		N02393		N02383		N01300	
	09559 13419	NO1100 MONCAL		NOO951 MODMES		NOO9OO MNCLOV		N00796 MINUSI		NOO716 MATRET		NOO565 LSTYPF	
	02248	LCOMAD		LCMAD1		J40004		JARNDT		INSETB		INSETA	
INDREC		HEADER		GTSBSW		GTFLCL		GTBLKB		GTBLKA		GRBAGE	
GCLEAR	06656	FXTOFL	04142	FXORFL	04673	FXIOSW	15448	FULMES	09391	FULLCK		FLTOFX	
	05095	FCT1G1		FCTRTP		FCTEND		FACTRC		EOTONY		EOPRT1	
	13102	EOJSTN		EOJRIT		EOJEND		ENDTRC		ENDMES		D4L NEG	
DOTEMP	14892	DOBASE CODESP		DISKDD CODE9C		DIOEND CODE9B		COUNTS CODE 9 A		CODERP		COMPAR CODE7P	
CODE 7C		CODE7B		CODE 6P		CODE 4B		CODE 6A		CODE4P		CODE4A	
	13334	CODESY		CODE3X		CODE3P		CODE 3E		CODE30		CODE3C	
	12698	CODESA		CODE17		CODE 15		CODE14		CODF12	10170	CODE1X	11216
CODE1P	10434	CODE 1H	10716	CODEIG	11586	CODE1F		CODE1E	11118	CODEID	11562	CODEIC	
	10944	CODELA		CODESS		CODEPA		CODARR		CLLBLK		CD 99NF	
	14408	CD17SC		CD14SV		CD14SL		CD14RV		CD14RM		CD14RL	
	11382	CD14ND		CD14NC		CD14NB		CD14NA		CD14JW		CD14JG	
	10690	CD14FL CDSAB8		CD14EN CDSAB7		CD12BP CDSAB5		CDS1FP CDSAB4		CDSSS3 CDSAB3		CDSSS1 CDSAB2	
	14506	CDSABZ		CDSABX		CDLINK		CDCALP		COCALL		CDABXT	
	08846	CANDRT		CALLSW		CALLBK		CALBLK		BIOMAD		BEGTRC	
	02394	ADJUST		ACCTAP		ACCEPT			06843	ADCW1	12985	ADD	09380
ADSL	02724	AM	09335	ANS	02389	ARNOT	12962		04217		04172	8	06848
BAL	08312		13642	BD	09561	BE	09554		02257		15999	ΒI	09570
BL	09547	BLANK		BLKH		BLKHA		BLK1	09116		09124	BLK2	09140
	09148		09164		09172	BLK4			09196	BLK5	09212 09292	BNF	09220 09563
BLK6 BNH	09236 09541	BLK6A BNR	13644	BLK7 BT	09260 09370	BLK / A	09268 06846	BLK8 BUF1	09284 08326	BUF2	08401		. 08476
BUF4		BBDAD		č,	09543		05055		08712		15308		15214
	14436	CDABZ			13361		13310		14202		15542	CDS1T	15188
	14960	CDS1Z			13786		13786	CD12A	14812		10314	CD12C	
	14282	CD12E	14352		14198		14408		14258		11422		12008
	11852	CD14E			12690		10434		13776		12926		13400
	13138	CD17D			13328		13246		14276		14244	CD171 CD94	13636 12064
CD17J	13668	CD17K	13830	CD17L	13850	CDI/W	13592	CDIAN	13750	CDITE	12014	CD 94	12004

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							SYMBOL	TABLE							
	CD95	12052		11752	CD97	11740		11684		11696		13354	CF	09331	
		12162	CKCOW		CKFMT		CKSW	05105	CKXH			02628	CM	09545	
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		10026	CODE4		CODE5			10074	CODE 7			10122	CODE9		
	DJ	12658 06868	COMSW DK	04451	CSW DMSW	13412 04450	DOA	14313 09453	D1 DOMAX	06858	DIP DOMES	16018	DIP1 DOREF	16002	
	DOSW	09321		13196	DSKHD		DX	08987	DY	08991	D1	06853	D2	06863	
	D3	06873	04	06883	EM1	09091		13017	EOJ	10386		12148	EOJJ	12044	
	EOJP	12008		12376	EOJWG		EOPRT	14382		13290		12042	FRRT	08998	
		09601	ETYPE		EXIND			03206		14856	F	02250	FAC	09469	
		04232	FACM2			14696		15100		04974	FBASE		FCODE		
		10362 12120	FCTSW FCT1F		FCT1 FCT1G		FCTIA	10894 10974	. FCT1B FCT1J		FCT1C FCT1K		FCT1D FCT1L		
		10438	FCT11		FCT12		ECT 13	11286	FETCH		FFRSW		FIND		
	FIVE	09471		04012	FLDVD			04062	FLGRM			07334	FLG3		
	FLG4	07374	FLMUL		FLRDV			04112	FLV	04758	FMON	02324	FORCE		
		04992	FORCE			13648		15182	FPSW	09597		09598	FP2	02298	
		13233	FRE02		FRFAC		FRV	04842	FSW	09314	- FTSW		FTYPE		
	FT1	04991	FX	04007	FXAD			04127	FXEXP			04057	FXRDV		
		04117	GA.	06457	GADD1	06434		09575	GCNT		GCOW	06705	GETSY		
	GETX GNRP	02676 05830	GFLAG GPUT		GFREE		GI	06601 08626	GISMO GSBI	11672	GLNO GTCL	09378 06606	GNONE GTFIN		
	GTJW	06404		06188 05540	GPUTA GTPT	05984		06714		06494	GYES	05936	H	09339	
		04207	. I	09485	IFTRC			09616		11096	10	04237	IOCAL		
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		15898	ITYPE		IXI	04247	j	09490	JAY	02367	JWG	02460	K	02252	
	L	06891	LH1	12750	LIS	04258	LIST	02228	LNG	09578	LNGAD	08317	LOCOM		
		02308		09084	LV	09505	LVAL	05013	LVP	13179	L12	02850	L13	02862	
	L15	02898	L2	03042	L2383		L3	03186	MAT	04257	MM	09337	MNS 5	09455	
	MOD NM22	09366 13768		14562 14174	MPY NOTYP	09368	NAME N1	13785 02233	NEXT N2	08322 02238		06526 13766	NLNG OBASE	08297	
		14106	DNF	14174		13646	OP	02233	OPGT	03990	OPJ	15649	OPSR	03888	
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	PAR	04252		14346	PGNUM	02222	PPJA	15922	PRINT	04027	PRST		PUNCH		
		08138		08018	PUTCA			08078	PUTD	08102		07193	PUTRM		
		07750		06898	PUTXA			06982		07134		07230	PUTXE		
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		09324	ŘEP	04182	REP1	13197	REP2	13327	REP3	14371	REP4	04022	RFLAG		
	RGR	05600	RGRI		RGRS	05695	RMNS	05510	RMOD	09388	RMSW	05085	RPNS	05570	
		04162	RSNFX	04167	RSW	09325		09510	RV	09515	RVAL	05015	RVSN	09385	
		04671	SCABP			09611		13001		13586		13594	SETAD		
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	SX	02377	SXF	09359 09520	SUBSW SX17		SA	04072 02384		04082 14243	SUB3 TBASE		SWF TCOW	13186 06835	
	TF	09333	TEM	09327	TMAX			04227		04032		02840	TSW	13413	
	TWO	14162		04047	TYPEA			08291	TYPEX		T1	06888	T2	09534	
	T3	09594		02263	UGRMK			11156	W	02240	WATY		WW	02296	
		14678		10338	XD128			10002		10026		10050	XODE 6		
		10098		10122	XODE9		XOJ	10386		12984	XSSX		XTTX		
	XTYPE XX4	04212 14672		16002	XVVX			16002	XX1	14614	XX2	14548	XX3	14482	
		10314		14890 10002	X Y Y X Y 0 D E 3	16016		16002 10050		16002 10074		10362 10098	YODER	10338	
		10146	YOJ	10386	ZCTRT			10338	7012B	10314	ZERO	09341	ZERO4		90
					25	20304			2240		2				
****	k	SECOND	PASS FORTE	RAN II							NOVEMBER,	1966	PAGE	3	
							SYMBOL	TABLE							
		09344 10122		09345 10146	ZODE1 ZOJ	10002 10386	ZODE3 ZPT	10026 15714	ZNDE4 ZRM	10050 15497	ZODE6	10074	Z00E7	10098	

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SECOND PASS FORTRAN II
                                                                                                                                NOVEMBER, 1966
                                                                                                                                                                  PAGE
LOCTN OP
                  P/L
                                                PG/LN LABEL MNEM OPERANDS AND REMARKS
                                                                            SECOND PASS FORTRAN II
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00565
                  00000
                                                           IOPT
IORT
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MONCAL DS
IOCAL DS
SYSCAL DS
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HEADER DSS
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N2
W
RECLG
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00002
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02243
02248
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                                                                     DS
                                                          LENGTH
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02252
02257
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00170
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                  00005
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02262
02263
02263
02293
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00030
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                                                00220
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FP2
TBASE
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02298
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00250
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                  00005
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                                                          LSTAD
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00280
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2323
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IORT
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02323
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TF
TFM
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02348
                 02366
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OP
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00005
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00420
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                                                          ANS
ADTEMP
SL
B8DAD
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                                                                                                           DISK ADDRESS OF PAGE HEADING CORE STORAGE OF PAGE HEADING
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00470
00480
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FACTRC DS
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02229
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                                                00490
                                                          PRST
                                                                     DS
TF
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LNG ,WW
ADCOW,BEGAD
ADCOW,1,10
SET ADDRESS IN ADCOW TO EVEN
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TF BEGAD, ADCOW
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                                                00540
                                                                    TF BEGAUTAGE
INITIALIZE
ADCOW
                                                00550
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02460
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                                                          JWG
                SECOND PASS FORTRAN II
                                                                                                                               NOVEMBER, 1966
                                                                                                                                                                 PAGE
LOCTN
          ΩP
                               Q
                                               PG/LN LABEL MNEM OPERANDS AND REMARKS
02472
02484
02496
                                                00580
00590
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FLGRM
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02520
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02556
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08322
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08322
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                             04102
                                                                             DOMAX
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                 02586
08326
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02586
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00670
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,INPUT+26
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*-18
*-36
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                                                                                                    ,BUF4+75
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02616
                 02580
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                  10314
                                                00710
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                                                                             CD12B,DOSW
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M BGNST+1
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1,a
GTBLKB,1,10
2,2a)*-3
-N40002,INPUT+3
INPUT+3,-132,9
INPUT,1PUT+4
,,,REMOVE SYMBOL INTO STACK
INPUT,INPUT+4
,,,REMOVE SYMBOL FROM INPUT AREA
L12
,,,BRANCH IF TRAILER SYMBOL
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                                                          ADSL
GETSY
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TF
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GTBLKB DSA
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INPUT
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TRCSW,-1
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02809
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                                                         BEGTRC TDM
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02810
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                 02628
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00000
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00797
00797
                                                                               CLEAR
TRCSW,0
,*-1
CLEAR
02822
02830
                                                          ENDTRC TOM
                                                                                                     ,,,TURN OFF TRACE SWITCH
02840
                                                          TRCSW
                                                                     DS
02842
                 02628
                                                00797
                                                                     В7
                 03786
                            02724
                                                00798
                                                          L12
                                                                               -N40002, ADSL ,,, CLEAR FLAG + SET REC. MARK
                                               00800
00910
                                                                               *•••••
L13
02862
                 09485
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                                                                                                    ,GTSCL-1
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09611
02874
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AM
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BE
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NDTRC +,,,CHECK FOR END TRACE
*+20,UFSTR+27 +,,BRANCH IF DIAGNOSTIC MODE
02934
02946
02958
                 02830
02966
03042
                            01200
                                                00931
                                               00932
00933
                             02290
                                                                               L2
SVSTNO,SCNT ,,,PLACE LINE COUNT AFTER STATEMENT NUMBER
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                                                         L2383
                 03692
```

```
****
                                                                                                                       NOVEMBER, 1966
                                                                                                                                                       PAGE
              SECOND PASS FORTRAN II
LOCTN OP
                  P/L
                             Q
                                             PG/LN LABEL MNEM OPERANDS AND REMARKS
                                                                         L2 ,,,SKIP IF ST. NO. COMING UP SS4,SCNT-1 ,,,SET FLAG IF LINE COUNT TEN OR OVER PUTX,*+16 ,,,PLACE INSTRUCTION IN THE OUTPUT BTM,NO2383,SVSTNO
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CM
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03786
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09505
00152
01100
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                                                                                                                  , 8
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GTNS
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09515
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BTM
DSA
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CM
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ANS
                                                                 BNE
                                                                                                                  ,6
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                           00001
                                                      L3
                                                                 ΑМ
                                                                 B L2
DDRG *-3
CM I,1,10
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03206
                                            01120
03206
          14
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                          00001
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                                                      EXIT
                                                                        L2
I
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DORG
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01280
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09485
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CKFMT
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17
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03414
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                                                                                      128,8,FORMAT
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                                                                 СМ
03432
03444
                03508
                           01200
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                                                                 BNE
                                                                         SETECT
                                                                        PUTX
B,BLANK,BLANK
          17
                06898
                                                                                                                                                                      94
03460
                00005
               SECOND PASS FORTRAN II
****
                                                                                                                       NOVEMBER, 1966
                                                                                                                                                       PAGE
LOCTN OP
                 P/L
                             Q
                                            PG/LN LABEL MNEM OPERANDS AND REMARKS
                 00005
                           09344
03470
                00005
                           09344
03472
03484
03496
                                            01410
01420
01430
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09520
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ADCOW
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03763
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01460
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01480
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TDM
BNR
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SETNMT
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                                                                         LSTN
                                            01480
01483
01485
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01490
01500
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                                                                        LSTN
LSTN+3,,MOVE STATEMENT NUMBER
LSTN
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TF
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03628
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15
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N02383 DSA
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12
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SM
BTM
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N40002
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03746
03751
03752
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                00005
03544
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          49
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03826
03836
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01930
01940
03837
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*****
                                                                      FORTRAN ADJUST PROCEDURE
                                                                         5
*-1,5,610,
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                                                       ADJUST MM
03842
                0384±
03868
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03854
03866
                           00009
                                                                                                                                                                      95
                                             01970
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****
                  SECOND PASS FORTRAN II
                                                                                                                                                       NOVEMBER, 1966
                                                                                                                                                                                               PAGE
LOCTN
           OP
                     P/L
                                     ٥
                                                        PG/LN LABEL MNEM OPERANDS AND REMARKS
03868
03868
                                                         01980
                                                                                   DORG *-9
                                                                                           ADJUST-1,1,610,
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                                                                                                                                 ADD 1 TO ADCOM
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03880
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                                                                                   DORG *-4
                                                                                      RG *-4
FORTRAN OP SEARCH ROUTINE
OPSX,*-1,11, MOVE
OPSR-1,5,10
OPSR-1,5,11
OPSR-1,1,10
M OPT1,08ASE
OPT1-1,,, GENE
                                                         02020
                                                                                  TF
                                                                                                                                 MOVE IN PARAMETERS
03888
                    03959
                                  03887
                                                         02030
                                                                    OPSR
                    03887
03990
03887
                                                        02040
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03924
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03959
03960
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02080
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             21
                     03994
                                                                                                                                 GENERATE TABLE ADDRESS
                                                                    OPSX
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02100
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*+24,FX,,
                                                                                                                                 IS IT FIXED OR FLOATING VARIABLE FLOATING, ADJUST TABLE ADDRESS MOVE ENTRY ADDRESS TO A GT
                                  04007
             43
                    03984
                                                                                   BD
03972
            12
26
                     03995
                                  00005
                                                         02110
                                                                                            OPT1,5,10,
03984
                     00000
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                                                                                            ,,,
,*-5
                                                         02130
                     00000
                                                                     OPGT
                                                                                   DS
                     00000
03887
00001
                                                        02140
02150
02160
02170
03995
                                                                     OPT1
                                                                                            OPSR-1,,6,
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                                                                                                                                 EXIT
                                                                     FX
OBASE
FLAD
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5,04090
02917
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DC
04012
                     00005
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                     00005
00005
00005
                                                        02190
02200
02210
                                                                    FXAD
REP4
PRINT
TRACE
                                                                                            5,03878
5,07230
5,04354
04017
04022
04027
04032
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DC
DC
DC
DC
DC
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                                                                                            5.03496
04037
04042
04047
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02240
02250
                                                                                            5,04426
00005,17600,,DOREF,
5,04282
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DOREF
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                                                        02260
02270
02280
                                                                     FLMUL
FXMUL
FLEXP
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5,03950
5,04258
04052
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04057
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DC
DC
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                                                                     FXEXP
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ACCEPT
SUB2
ACCTAP
SUB3
PUNCH
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02310
02320
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02380
02390
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PUNTAP DC
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FLSUB
FXSUB
FLDVD
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RFXSUB
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5,03926
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04162
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RSNFX
ATYPE
SLASH
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DC
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                                                                                            5.04020
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02510
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FTYPE
                                                                                            5,04448
5,04558
                     00005
                                                                                                                                                                                                                 96
***
                   SECUND PASS FORTRAN II
                                                                                                                                                       NOVEMBER, 1966
                                                                                                                                                                                              PAGE
LOCTN
                                                        PG/LN LABEL MNEM OPERANDS AND REMARKS
                                                                                           5,04580
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FRFAC
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IOEND
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PAR
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FORTRAN SYMBOL TABLE SEARCH ROUTINE ******
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TF
AM
TF
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SRSY,*-1,11,
SRFCT-1,5,10
SRGT,SRFCT-1,11
SRFCT-1,1,10
                                                        02730
02740
02750
02760
04276
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                                  04275
                                                                     SRFCT
                                                                                                                                 MOVE IN PARAMETERS
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02800
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SBASE-1
             15
26
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                                                                                            ,*
SRNX,SBASE,11
                                                                                  BNR
TFM
04348
04360
04372
04384
04392
04392
                                                                                           SRNX, SBASE,
SRGT, 0, 67
RMSW, 1, 11
SRFCT-1, 6
*-3
, SBASE, 11,
             16
15
49
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                                                        02820
02830
02840
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                                                                                                                                MOVE OBJECT ADDRESS OF SYMBOL TO GT
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DS
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FPSW ,0
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*+36, SKIPSW
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FPSW,1,11
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TFM
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OPX,27,10

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OPX,17,10
04476
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04484
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                                                                                          OPX,17,10
,*-2
SBASE,1,10
FXORFL,SBASE,11,
SBASE,1,10
DMSW,SBASE,11,
COMSW
,0
**24,DMSW
COMSW,1,1,
**20,DMSW,5
SRCFFL,,, NO E
            16
                    04493
                                 000 ± 7
                                                        02970
                                                                                   TFM
04493
04496
04508
                    00000
04671
04673
                                                        02980
02990
03000
                                                                    OPX
                                                                                   DS
AM
TD
                                  00001
                                                                                                                              SET FIX OR FLOAT
                                  04671
04520
04532
04544
04556
                    04671
04450
04451
04580
                                  00001
                                                         03010
                                  0467<del>1</del>
00000
                                                        03020
03030
03040
03050
                                                                                                                                 SET DIMENSION SWITCH
            15
44
15
                                  04450
00001
                                                                                   BNF
TDM
                                                                                                                                SET COMMON SWITCH
IS IT DIMENSIONED
04568
                    04451
04580
                    04600
                                  04450
                                                         03060
                                                                                   BD
04592
04600
04600
                                                        03080
03070
03080
03090
                                                                                            SRCFFL,,,
*-3
SBASE,7,10
                     04636
                                  00000
                                                                                  B
DORG
                                                                                                                     NO EXIT
                    04671
                                 00007
            12
                                                                                   SM
TF
04612
                    09589
04671
                                 0467±
000<del>0</del>7
                                                         03100
                                                                                            P1,SBASE,11,
SBASE,7,10
                                                                                                                                 SET I MAX
                                                                                                                                                                                                                  97
                                                         03110
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****		SECOND	PASS FORTRAN	11			•		NOVEMBER,	1966	PAGE	7	
LOCTN	OP	P/L	Q	PG/LN	LABEL	MNEM	OPERANDS AND REMARK	s					
04636 04648	33 12	04673 04671	00000 000 0 2	03120 03130	SRCFFL	C F S M	FXORFL SBASE,2,10						
04660 04671	49	0427 5 00000	00000	03140 03150	SBASE	B DS	SRFCT-1,,6,	EXIT					
04673		00002		03160 03170	FXORFL ****	DC F	2,0 ORTRAN FORCE PROCEDU	RE ****	**				
04678 04680	26	00005 04758	04679	03180	FORCE	DS TF	5 FLV,*-1,11,	MOVE IN PA	ARAMETERS				
04692 04704 04716	11 26 11	04679 04842 04679	000 0 5 0467 9 000 0 5	03200 03210 03220		AM TF AM	FORCE-1,5,10 FRV,FORCE-1,11 FORCE-1,5,10						
04728 04740	26 11	04974	0467 9 000 0 2	03230		TF AM	FANS, FORCE-1, 11' FORCE-1, 2, 10						
04752 04758	14	00000	00104	03250	FLV	CM DS	, 104,8,IS L	EFT OPERATO	OR LESS THAN	OP LOW	VALUE		
04764 04776	47 16	04956 04991	01300 0 3977	03270 03280		BL TFM	FORCB+24 FT1,FBASE,,	MOVE TABLE	BASE TO FT1				
04788 04800	21 26	04990 05013	0475 8 0499 1	03290 03300		A TF	FT1-1,FLV,11, LVAL,FT1,11,	REMOVE LEF	TABLE ADDRESS T VALUE FROM	TABLE			
04812 04824	11 26	04991 04979	000 0 7 0499 1	03310		AM TF	FT1,7,10, FCODE,FT1,11,	REMOVE COD	TABLE ADDRESS DE FROM TABLE	:			
04836 04842 04848	14 47	00000 00000 04956	0 0 104 01300	03330	FRV	DS DS	, *-5	IGHI UPERAI	OR LESS THAN	I OP LOW	VALUE		
04860 04872	14	0484 2 04992	00±41 01100	03350 03360 03370		BL CM BH	FORCB+24 FRV,141,69, FORCC	IS OP HIGH	HER THAN HIGH	1 VALUE			
04884 04896	16	04991 04990	0 3977 0484 2	03380		TFM A	FT1,FBASE,, FT1-1,FRV,11,		BASE TO ETI				
04908 04920	11 26	04991 05015	000 0 2 0499 1	03400 03410		AM TF	FT1,2,10, RVAL,FT1,11,	ADD 2 TO T REMOVE RIG	TABLE ADDRESS SHT VALUE FRO	: IM TABLE			
04932 04944	24 47	05013 04968 04979	05015 01100	03430	FORCB	C BNH	LVAL, RVAL,, *+24		FT VALUE TO	RIGHT			
04956 04968 04979	16 16	00000	0 0000	03440 03450 03460	FCODE	TFM TFM DS	FCODE,,, ,,, ,*	MOVE ZERO MOVE ZERO	OR CODE TO F	ANS			
04974 04980	49	00000 0467 9	00000	03470	FANS	DS B	,*-5 FORCE-1,,6,	EXIT					
04991 04992	16	00005 05015	00000	03490 03500	FT1 FORCC	DS TFM	5,* RVAL,0,10						
05004 05012	49	04932	00000	03510 03520		B DORG							
05013 05015		00002		03530	RVAL	DS DS	2						
03977 05017 05019		00000 00002 00002		03550 03560 03570	FBASE	DS DC DC	,*+2-1040 2,1,,	RPAREN					
05024 05025		00005	0 3186	03580	RFLAG	DS A DC	2,50 L3 1,0						
05027 05029		00002		03600	KI LAU	DC DC	2,60,, 2,59	GOTO					
05034 05035		00005 00001	±0074	03620 03630	RXFLAG	DSA	CODE6 1,0						
05037 05039		00002 00002		03640 03650		DC DC	2,0,,	COMPUTED G	010				
05044 05045 05047		00005 00001 00002	1 0146	03660 03670 03680	FTSW	DSA DSC DC	CODE 9 1,0 2,2,,	I F					98

LOCTN 05049		P/L 00002	PASS FORTRAN	PG/LN 03690	LABEL	DC	OPERANDS AND REMARK	S	NOVEMBER,	1966	PAGE	8	
05049 05054 05055		P/L 00002 00005 00001		PG/LN 03690 03700 03710	LABEL CALLX.	DC DSA DC	2,0 CODE7 1,0		NOVEMBER,	1966	PAGE	8	
05 04 9 05 05 4 05 05 5 05 05 7 05 05 9		P/L 00002 00005 00001 00002 00002	€ 10098	PG/LN 03690 03700 03710 03720 03730		DC DSA DC DC	2,0 CODE7 1,0 2,0,,	S Do	NOVEMBER,	1966	PAGE	8	
05 04 9 05 054 05 055 05 05 7 05 05 9 05 064 05 065 05 06 7		P/L 00002 00005 00001 00002 00002 00005 00001 00002	Q	PG/LN 03690 03700 03710 03720 03730 03740 03750 03760		DC DSA DC DC	2,0 CODE7 1,0 2,0,, 2,0 CODE12 1		NUVEMBER,	1966	PAGE	8	
05 04 9 05 05 4 05 05 5 05 05 7 05 05 9 05 064 05 065 05 06 7 05 069		P/L 00002 00005 00001 00002 00002 00005 00001 00002 00002	€ 10098	PG/LN 03690 03700 03710 03720 03730 03740 03750 03760 03770 03780	CALLX. FFRSW	DC DSA DC DC DC DC DSA DS DC DC	2,0 CODE7 1,0 2,0,, 2,0, CODE12 1 2,0,, 2,0 CODED	DO	NOVEMBER,	1966	PAGE	8	
05 04 9 05 054 05 055 05 055 05 057 05 059 05 064 05 065 05 067 05 074 05 075 05 077		P/L 00002 00005 00001 00002 00005 00001 00002 00002 00005	0 ±0098	PG/LN 03690 03700 03710 03720 03730 03740 03750 03760 03770 03780 03790 03800	CALLX	DC DSA DC DC DC DSA DS DC DC DC DC DC	2,0 CODE7 1,0 2,0,, 2,0,, 2,0 CODE12 1 2,0,, 2,0 CODE0 1 2,10,,	DO	NOVEMBER,	1966	PAGE	8	
05 04 9 05 05 4 05 05 5 05 05 7 05 05 7 05 06 4 05 06 5 05 06 7 05 06 7 05 07 4		P/L 00002 00005 00001 00002 00002 00005 00001 00002 00005	0 ±0098	PG/LN 03690 03700 03710 03720 03730 03740 03750 03760 03760 03770 03780 03790	CALLX. FFRSW	DC DSA DC DC DC DSA DS DC DC DC DC DC DC DC DC DC DC DC DC DC	2,0 CODE7 1,0 2,0,, 2,0 CODE12 1 2,0,, 2,0 CODE0	DO DOA	NOVEMBER,	1966	PAGE	8	
05 04 9 05 05 4 05 05 5 05 05 7 05 05 9 05 06 5 05 06 7 05 06 9 05 07 4 05 07 7 05 07 9 05 08 7 05 08 7		P/L 00002 00005 00001 00002 00005 00001 00002 00002 00002 00005 00001 00002 00005	0 ±0098 ±0170 03764 ±0002	PG/LN 03490 03700 03710 03720 03730 03750 03750 03760 03770 03780 03820 03830 03840 03850	CALLX: FFRSW SUBPSW	DC DSA DC DC DC DSA DS DC DC DSA DSA DC DC DC	2,0 CODE7 1,0 2,0,, 2,0,, 2,0 CODE12 1 2,0,, 2,0 CODFO 1 2,10,, 2,10 CODE1 1 2,0,, 2,10,, 2,0,,	DO DOA	NOVEMBER,	1966	PAGE	8	
05 04 9 05 05 4 05 05 5 05 05 7 05 05 9 05 06 4 05 06 5 05 06 7 05 07 9 05 07 7 05 07 9 05 08 5 05 08 7 05 08 9 05 09 9		P/L 00002 00005 00001 00002 00005 00001 00002 00005 00001 00002 00002 00002 00002	0 ±0098 ±0170 0 3764	PG/LN 03490 03710 03720 03730 03740 03750 03760 03770 03780 03820 03820 03830 03850 03850 03870	CALLX: FFRSW SUBPSW	DC DSA DC DC DC DC DSA DS DC DSA DS DC DSA DS DC DSA DS DC DSA DS DC	2,0 CODE7 1,0 2,0,, 2,0,, 2,0 CODE12 1 2,0,, 2,0 CODE0 1 2,10,, 2,10,, 2,10 CODE1 1 2,0,, 2,0 CODE1	DO DOA PLUS PRINT	NOVEMBER,	1966	PAGE	8	
05 04 9 05 05 4 05 05 5 05 05 7 05 05 9 05 06 4 05 06 5 05 06 9 05 07 4 05 07 7 05 07 9 05 08 5 05 08 7 05 08 9 05 09 9 05 09 9		P/L 00002 00005 00001 00002 00005 00001 00002 00005 00001 00002 00005 00001 00002 00005 00001 00002 00005	0 ±0098 ±0170 03764 ±0002 ±0194	PG/LN 03490 03710 03720 03730 03740 03750 03760 03770 03800 03780 03880 03880 03870 03880 03870 03880 03870 03880 03870 03880 03870 03880 03870 03880 03870 03880 03870 03880 03870 03880 03870 03880 03890 03890	CALLX. FFRSW SUBPSW RMSW	DC DSA DC DC DSA DS DC	2,0 CODE7 1,0 2,0,, 2,0 CODE12 1 2,0,, 2,0 CODE60 1 1,0,, 2,10,, 2,10,, 2,0 CODE1 1 2,0,, 2,0 CODE14 1 2,0,,	DO DOA PLUS	NOVEMBER,	1966	PAGE	8	
05049 05054 05055 05057 05059 05064 05065 05067 05079 05077 05079 05085 05087 05089 05095 05095 05095 05095		P/L 00002 00005 00001 00002 00005 00001 00002 00005 00001 00002 00005 00001 00002 00005 00001 00002	0 ±0098 ±0170 03764 ±0002	PG/LN 03690 03710 03720 03730 03740 03750 03760 03770 03760 03780 03810 03890 03810 03840 03840 03850 03860 03870	CALLX. FFRSW SUBPSW RMSW	DC DSA DS	2,0 CODE7 1,0 2,0,, 2,0 CODE12 1 2,0,, 2,0 CODE0 1 2,10, 2,10 CODE1 1 2,0,, 2,0 CODE1 1 2,0,, 2,0 CODE1	DO DOA PLUS PRINT	NOVEMBER,	1966	PAGE	Ŕ	
05049 05054 05055 05057 05057 05069 05067 05069 05077 05077 05077 05085 05087 05089 05097 05099 05104 05107		P/L 00002 00005 00001 00002 00005 00001 00002 00005 00001 00002 00005 00001 00002 00005 00001 00002 00005 00001	0 ±0098 ±0170 03764 ±0002 ±0194	PG/LN 03690 03700 03710 03720 03730 03750 03760 03770 03780 03770 03820 03830 03830 03840 03850 03870 03870 03880 03870 03890 03890 03990 03990 03990	CALLX FFRSW SUBPSW RMSW FLAGSW	DC DSA DC DCA DS A DS DC DSA	2,0 CODE7 1,0 2,0,, 2,0,, 2,0 CODE12 1 2,0,, 2,0 CODE0 1 2,10,, 2,10 CODE1 1 2,0,, 2,0 CODE1 1 1,0,, 2,0,0, 2,0,0, 2,0,0, 2,0,0, 2,0,0, 2,0,0, 2,0,0, 2,0,0, 2,0,0, 2,0,0, 2,0,0, 2,0,0, 2,0,0, 2,0,0, 2,0,0, 2,0,0, 2,0,0, 2,0,0, 2,0,0,0, 2,0,0, 2,0,0, 2,0,0, 2,0,0, 2,0,0, 2,0,0, 2,0,0, 2,0,0, 2,0,0,0, 2,0,0, 2,0,0, 2,0,0, 2,0,0, 2,0,0, 2,0,0, 2,0,0, 2,0,0, 2,0,0,0, 2,0,0,0, 2,0,0,0, 2,0,0,0, 2,0,0,0, 2,0,0,0, 2,0,0,0, 2,0,0,0, 2,0,0,0, 2,0,0,0, 2,0,0,0, 2,0,0,0, 2,0,0,0, 2,0,0,0, 2,0,0,0,0	DOA PLUS PRINT	NOVEMBER,	1966	PAGE	8	
05049 05054 05055 05057 05057 05069 05067 05069 05075 05077 05077 05077 05087 05087 05089 05095 05095 05095 05095 05095		P/L 00002 00005 00001 00002 00005 00001 00002 00005 00001 00002 00005 00001 00002 00005 00001 00002 00005 00001 00002	0 ±0098 ±0170 03764 ±0002 ±0194	PG/LN 03690 03700 03710 03720 03720 03730 03750 03760 03770 03780 03800 03820 03830 03840 03850 03860 03870 03890 03990 03990 03990 03990 03990 03950	CALLX FFRSW SUBPSW RMSW FLAGSW	DC DSA DC	2,0 CODE7 1,0 2,0,, 2,0 CODE12 1 2,0,, 2,0 CODE0 1 2,10, 2,10 CODE1 1 2,0,, 2,0 CODE14 1 1,0,, 2,0 CODE14 1 1,0,, 2,0 CODE14 1,0,,	DOA PLUS PRINT	NUVEMBER,	1966	PAGE	8	
05049 05054 050557 050557 050557 05069 050669 05075 05075 05077 05079 05087 05089 05095 05095 05095 05095 05095 05095 05095		P/L 00002 00005 00001 00002 00005 00001 00002 00005 00001 00002 00005 00001 00002 00002 00002 00002 00002 00002 00002 00002 00002 00002 00002	0 ±0098 ±0170 03764 ±0002 ±0194	PG/LN 03690 03700 03710 03720 03730 03750 03750 03760 03770 03780 03810 03820 03880 03880 03880 03880 03890 03890 03990 03990 03990 03990	CALLX FFRSW SUBPSW RMSW FLAGSW	DC DSA DC	2,0 CODE7 1,0 2,0,, 2,0 CODE12 1 12,0,, 2,0 CODE0 1 2,10, 2,10 CODE1 1 1,0,, 2,0 CODE1 1 1,0,, 2,0 CODE14 1 1,0,, 2,0 CODE14 1,0,, 2,0 CODE14 1,0,, 2,0 CODE14 1,0,, 2,0 CODE14 1,0,, 2,0 CODE14 1,0,, 2,0 CODE14 1,0,, 2,0 CODE14 1,0,, 2,0 CODE14 1,0,, 2,0 CODE14 1,0,, 2,0 CODE14 1,0,, 2,0 CODE14 1,0,, 2,0 CODE14 1,0,, 2,0 CODE14 1,0,, 2,0 CODE14 1,0,, 2,0 2,0 2,0 2,0 2,0 2,0 2,0 2,0 2,0	DO DOA PLUS PRINT READ	NOVEMBER,	1966	PAGE	8	
05049 05054 050557 050557 050557 05065 05064 05065 05067 05075 05077 05079 05084 05085 05094 05095 05095 05095 05107 05107 05114 05115 05117		P/L 00002 00005 00001 00002 00005 00001 00002 00005 00001 00002 00005 00001 00002 00005 00001 00002 00002 00005 00001 00002 00005 00001 00002 00005 00001 00002	0 ±0098 ±0170 03764 ±0002 ±0194 ±0194	PG/LN 03690 03700 03710 03720 03730 03750 03760 03750 03760 03770 03780 03810 03820 03840 03850 03880 03890 03810 03890 03910 03920 03930 03940 03950 03960 03970 03980 03990 03990 03990 03900	CALLX FFRSW SUBPSW RMSW FLAGSW	DC DSA DC	2,0 CODE7 1,0 2,0,, 2,0 CODE12 1 2,0,, 2,0 CODE0 1 2,10, 2,10 CODE1 1 1,0,, 2,0,0, 2,0,0, 2,0,0, 2,0,, 2,0,, 2,0,, 2,0,, 2,0,, 2,0,, 2,0,, 2,0,, 2,0,, 2,0,, 2,0,, 2,0, 2,0, 2,0, 2,0, 2,0, 2,0, 2,0, 2,0, 2,0, 2,0, 2,0, 2,0,0, 2,0, 2,0, 2,0, 2,0, 2,0, 2,0, 2,0, 2,0, 2,0, 2,0, 2,0, 2,0, 2,0,0, 2,0,0, 2,0,0, 2,0,0, 2,0,0, 2,0,0, 2,0,0, 2,0,0, 2,0,0, 2,0,0, 2,0,0, 2,0,0, 2,0,0, 2,0,0, 2,0,0, 2,0,0, 2,0,0, 2,0,0, 2,0,0,0, 2,0,0, 2,0,0, 2,0,0, 2,0,0, 2,0,0, 2,0,0, 2,0,0, 2,0,0, 2,0,0, 2,0,0, 2,0,0, 2,0,0, 2,0,0, 2,0,0,0, 2,0,0,0, 2,0,0,0,0	DO DOA PLUS PRINT READ	NOVEMBER,	1966	PAGE	8	
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05049 05054 050557 050557 050557 05069 050669 05075 05075 05077 05079 05087 05089 05095 05095 05095 05095 05095 05107 05114 05115 05117 05117 051124 05125 05127 05127 05123		P/L 00002 00005 00001 00002 00005 00001 00002 00005 00001 00002 00005 00001 00002 00005 00001 00002 00005 00001 00002 00005 00001 00002 00005 00001 00002	0 ±0098 ±0170 03764 ±0002 ±0194 ±0194 ±0194 ±0002	PG/LN 03690 03700 03710 03720 03730 03750 03750 03750 03760 03770 03780 03820 03820 03830 03840 03870 03880 03890 03890 03990 03900 03910 03920 03930 03940 03970 03990 04010 04020 04010 04020 04040	CALLX FFRSW SUBPSW RMSW FLAGSW	DC DSA DC DC DSA DS DC DC DSA DC DC DSA DC DC DSA DC DC DC DSA DC DC DC DSA DC	2,0 CODE7 1,0 2,0,, 2,0 CODE12 1 2,0,, 2,0 CODE0 1 2,10, 2,10 CODE1 1 2,0,, 2,0 CODE1 1 1 2,0,, 2,0 CODE14 1 1 2,0,, 2,0 CODE14 1 1,0,, 2,0 CODE14 1,0,, 2,0 2,0 2,0 2,0 2,0 2,0 2,0 2,0 2,0	DO DOA PLUS PRINT READ TYPE	NUVEMBER,	1966	PAGE	8	
05049 05054 050557 050557 050557 050659 050669 05075 05077 05079 05089 05089 05099 05107 05107 05115 05117 05117 05117 05113 05115		P/L 00002 00005 00001 00002 00005 00001 00002 00005 00001 00002	0 ±0098 ±0170 03764 ±0002 ±0194 ±0194 ±0194 ±0194	PG/LN 03690 03700 03710 03720 03730 03750 03760 03770 03780 03810 03820 03880 03880 03880 03880 03890 03910 03920 03930 03940 03930 03940 03950 03960 03970 03900 04010 04020 04030 04000	CALLX FFRSW SUBPSW RMSW FLAGSW	DC DSA DC DSA DS DC	2,0 CODE7 1,0 2,0,, 2,0,, 2,0 CODE12 1 2,0,, 2,0 CODE0 1 2,10,, 2,10 CODE1 1 1 2,0,, 2,0 CODE1 4 1 2,0,, 2,0 CODE14 1 2,0,, 2,0 CODE14 1 1 2,0,, 2,0 CODE14 1 1 2,0,, 2,0 CODE14 1 1 2,0,, 2,0 CODE14 1 1 2,0,, 2,0 CODE14 1 1 2,0,, 2,0 CODE14 1,0 2,5,, 2,5,, 2,5,, 2,5,, 2,5,, 2,5,, 2,5,, 2,5,, 2,6,, 2,	DO DOA PLUS PRINT READ TYPE MPY EXP		1966	PAGE	8	
05049 05054 050557 050557 050557 05065 050664 05065 05067 05077 05079 05084 05085 05089 05094 05095 05097 05107 05115 05117 05117 05117 05117 05118		P/L 00002 00005 00001 00002 00005 00001 00002 00005 00001 00002 00005 00001 00002 00005 00001 00002 00005 00001 00002 00005 00001 00002 00005 00001 00002 00005 00001 00002 00005 00001 00002 00005 00001 00002 00005 00001 00002 00005 00001	0 ±0098 ±0170 03764 ±0002 ±0194 ±0194 ±0194 ±0002 ±0002 ±0002	PG/LN 03690 03710 03770 03770 03770 03770 03780 03750 03760 03810 03820 03880 03890 03880 03890 03910 03920 03910 03920 03930 03940 03930 03940 03950 03960 03970 04000 04010 04020 04030 0404050 040600 04070 04080	CALLX FFRSW SUBPSW RMSW FLAGSW	DC DSA DC	2,0 CODE7 1,0 2,0,, 2,0,, 2,0 CODE12 1 2,0,, 2,0 CODE0 1 2,10,, 2,10 CODE1 1 1 2,0,, 2,0,0, 2,0,0, 2,0,0, 2,0,0, 2,0,0, 2,0,0, 2,0,0, 2,0,0, 2,0,0, 2,0,0, 2,0,0, 2,0,0, 2,0,0, 2,0,0, 2,0,0, 2,0,0, 2,0,0, 2,0,0, 2,0,0,0, 2,0,0, 2,0,0, 2,0,0, 2,0,0, 2,0,0, 2,0,0, 2,0,0, 2,0,0, 2,0,0,0, 2,0,0, 2,0,0, 2,0,0, 2,0,0, 2,0,0, 2,0,0, 2,0,0,0, 2,0,0,0, 2,0,0,0, 2,0,0,0, 2,0,0,0, 2,0,0,0, 2,0,0,0, 2,0,0,0,0	DO DOA PLUS PRINT READ TYPE MPY EXP		1966	PAGE	8	
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05049 05054 050557 050557 050557 050659 050669 05075 05077 05077 05079 05089 05099 05109 05107 05115 05117 05117 05117 05115 05115 05115 05115 05115 05115		P/L 00002 00005 00001 00002 00005 00001 00002 00005 00001 00002	0 ±0098 ±0170 03764 ±0002 ±0194 ±0194 ±0194 ±0002 ±0002 ±0002	PG/LN 03690 03710 03770 03770 03770 03770 03780 03750 03760 03770 03780 03810 03820 03880 03890 03880 03890 03990 04000 03970 04000 04020 04030 04040 04050 04060 04070 04080 04110 04120 04130	CALLX FFRSW SUBPSW RMSW FLAGSW	DC DSA DC DSA DS DC	2,0 CODE7 1,0 2,0,, 2,0,, 2,0 CODE12 1 2,0,, 2,0 CODE0 1 2,10,, 2,10 CODE14 1 2,0,, 2,0,0, 2,0,0, 2,0,0, 2,0,0, 2,0,0, 2,0,0, 2,0,0, 2,0,0, 2,0,0, 2,0,0, 2,0,0, 2,0,0,0, 2,0,0, 2,0,0, 2,0,0, 2,0,0, 2,0,0, 2,0,0, 2,0,0, 2,0,0, 2,0,0,0, 2,0,0,0, 2,0,0,0, 2,0,0,0, 2,0,0,0, 2,0,0,0, 2,0,0,0, 2,0,0,0,0	DO DOA PLUS PRINT READ TYPE MPY EXP ACCEPT TAP		1966	PAGE	8	
05049 05054 050557 050557 050557 05065 05066 05065 05067 05077 05079 05084 05085 05087 05095 05095 05107 05117 05117 05117 05117 05118 05127 05127 05134 05135 05137		P/L 00002 00005 00001 00002 00005 00001 00002 00005 00001 00002 00005 00001 00002 00005 00001 00002 00005 00001 00002 00005 00001 00002 00005 00001 00002 00005 00001 00002 00005 00001 00002 00005 00001 00002 00005 00001 00002 00005 00001 00002 00005 00001 00002 00005 00001 00002 00005 00001	0 ±0098 ±0170 63764 ±0002 ±0194 ±0194 ±0002 ±0002 ±0194 ±0194	PG/LN 03490 037700 037710 03720 03730 03750 03760 03770 03780 03810 03820 03840 03850 03880 03890 03910 03920 03990 04010 04020 04030 04020 04030 04050 04070 04080 04110 04120 04130 041100	CALLX FFRSW SUBPSW RMSW FLAGSW	DC DSA DC	2,0 CODE7 1,0 2,0,, 2,0,, 2,0 CODE12 1 2,0,, 2,0 CODED 1 1,0,, 2,10 CODE1 1 1,0,, 2,0,, 2,0 CODE14 1 1,0,, 2,0,, 2,0 CODE14 1 2,0,, 2,0 CODE14 1,0 2,5,, 2,5 CODE114 1,0 2,5,, 2,0 CODE114 1,0 2,5,, 2,0 CODE14 1,0 2,5,, 2,0 CODE14 1,0 2,5,, 2,0 CODE14 1,0 2,5,, 2,0 CODE14 1,0 2,5,, 2,0 CODE14 1,0 2,0,, 2,0 CODE14 1,0 2,0,, 2,0 CODE14 1,0 2,0,, 2,0 CODE14 1,0 2,5,, 2,0 CODE14 1,0 2,5,, 2,0 2,0 2,0 2,0 2,0 2,0 2,0 2,0 2,0 2	DO DOA PLUS PRINT READ TYPE MPY EXP ACCEPT TAP	PΕ	1966	PAGE	8	
05049 05054 050557 050557 050557 050659 05064 050657 05075 05077 05077 05079 05085 05087 05088 05087 05089 05104 05105 05117 05117 05117 05117 05117 05118 0518 05		P/L 00002 00005 00001 00002 00005 00001 00002 00005 00001 00002 00005 00001 00002 00005 00001 00002 00005 00001 00002 00005 00001 00002 00005 00001 00002 00005 00001 00002 00005	0 ±0098 ±0170 63764 ±0002 ±0194 ±0194 ±0002 ±0002 ±0194 ±0194	PG/LN 03690 03700 03710 03720 03730 03750 03760 03750 03760 03770 03810 03820 03840 03850 03840 03830 03840 03890 03990 03990 03990 03990 03900 03910 03920 04010 04020 04030 04010 04020 04030 04010 04020 04030 04010 04020 04030 04010 04020 04030 04010 04050 04060 04070 04080 04070 04080 04110 04120 04150 04150 04150 04160 04170 04180	CALLX FFRSW SUBPSW RMSW FLAGSW	DC DSA DC	2,0 CODET 1,0 2,0 2,0 CODE12 1 2,0,, 2,0 CODE12 1 2,10,, 2,10 CODE1 1 2,0,, 2,0 CODE14 1 2,0,, 2,0 CODE14 1 2,0,, 2,0 CODE14 1 1,0 2,5,, 2,5 CODE1 1,0 2,5,, 2,0 CODE1 1,0 2,5,, 2,0 CODE1 1,0 2,0,, 2,0 CODE1 1,0 2,0,, 2,0 CODE1 1,0 2,0,, 2,0 CODE1 1,0 2,0,, 2,0 CODE1 1,0 2,5,, 2,0 CODE1 1,0 2,0,, 2,0 CODE1 1,0 2,5,, 2,0 CODE1 1,0 2,0,, 2,0 CODE1 1,0 2,0,, 2,0 CODE1 1,0 2,5,, 2,4 CODE1 1,0 2,0,, 2,0 CODE1 1,0 2,0,, 2,0 CODE1 1,0 2,0,, 2,0 CODE1 1,0 2,0,, 2,0 CODE1 1,0 2,0,, 2,0 2,0,, 2,0 CODE1 1,0 2,0,, 2,0 CODE1 1,0 2,0,, 2,0 2,0,, 2,0 CODE1 1,0 2,0,, 2,0 2,0,, 2,0 CODE1 1,0 2,0,, 2,0 2,0,, 2,0 2,0,, 2,0 2,0	DO DOA PLUS PRINT READ TYPE MPY EXP ACCEPT ACCEPT TAP	PΕ	1966	PAGE	8	
05049 05054 050557 050557 050557 050659 050669 05075 05077 05077 05079 05087 05087 05089 05095 05095 05095 05091 05114 05115 05117 051124 05125 05125 05127 05137 05137		P/L 00002 00005 00001 00002 00005 00001 00002 00005 00001 00002 00005 00001 00002 00005 00001 00002 00005 00001 00002 00005 00001 00002 00005 00001 00002 00005 00001 00002 00005 00001 00002 00005 00001 00002 00005 00001 00002 00005	0 ±0098 ±0170 03764 ±0002 ±0194 ±0194 ±0002 ±0002 ±0002 ±0194 ±0194 ±0194	PG/LN 03690 03710 03720 03730 03740 03750 03750 03760 03770 03780 03800 03810 03880 03880 03880 03880 03880 03890 03890 03990 03990 03990 04010 04020 04010 04020 04010 04020 04010 04010 04020 04020 04020 04020 04020 04020 04020 04020 04020 04020	CALLX FFRSW SUBPSW RMSW FLAGSW	DC DSA DC DSA DC	2,0 CODET 1,0 2,0,, 2,0 CODE12 1 2,0,, 2,0 CODE10 1 2,10,, 2,0 CODE11 1 2,0,, 2,0 CODE14 1 2,0,, 2,0 CODE14 1 2,0,, 2,0 CODE14 1,0 2,5,, 2,5 CODE11 1,0 2,5,, 2,5 CODE11 1,0 2,0,, 2,0 CODE14 1,0 2,0,, 2,0 CODE14 1,0 2,0,, 2,0 CODE14 1,0 2,5,, 2,5 2,5 2,5 2,5 2,6 CODE14 1,0 2,0,, 2,0 2,0,, 2,0 CODE14 1,0 2,0,, 2,0 2,0,, 2,0 CODE14 1,0 2,0,, 2,0 2,0,, 2,0 CODE14 1,0 2,0,, 2,0 2,5,, 2,5 2,5 2,5 2,5 2,0 CODE14 1,0 2,0,, 2,0 2,0,, 2,0 2,0,, 2,0 2,0	DO DOA PLUS PRINT READ TYPE MPY EXP ACCEPT ACCEPT TAP	PΕ	1966	PAGE	8	
05049 05054 050557 050557 050557 050659 05064 050657 05075 05077 05079 05084 05085 05087 05095 05097 05095 05104 05115 05117 05117 05118 05124 05127 05124 05135 05135 05135 05137 051364 05155 05155 05157 05164 05167 05179		P/L 00002 00005 00001 00002 00005 00001 00002 00005 00001 00002 00005 00001 00002 00005 00001 00002 00005 00001 00002 00005 00001 00002 00005 00001 00002 00005 00001 00002 00005 00001 00002 00005 00001 00002 00005 00001 00002 00005 00001	0 ±0098 ±0170 03764 ±0002 ±0194 ±0194 ±0002 ±0002 ±0002 ±0194 ±0194 ±0194	PG/LN 03490 03710 03770 03770 03770 03770 03770 03780 03770 03780 03810 03820 03840 03880 03890 03880 03890 03990 04010 04020 04030 04040 04050 04040 04050 04010 04120 04030 04110 04120 04150 041170 041180 041190 04120 04230	CALLX FFRSW SUBPSW RMSW FLAGSW	DC DSA DS DC DSA DC	2,0 CODE7 1,0 2,0,7 2,0,7 2,0 CODE12 1 2,0,7 2,0 CODED 1 2,10 CODE1 1 1,0,7 2,0,7 2,0 CODE14 1 2,0,7 2,0 CODE14 1 1,0,7 2,0 CODE14 1,0 2,5 CODE14 1,0 2,5,7 2,5 CODE14 1,0 2,5,7 2,0 CODE14 1,0 2,5,7 2,0 CODE14 1,0 2,0,7 2,0 CODE14 1,0 2,0,7 2,0 CODE14 1,0 2,5,7 2,0 CODE14 1,0 2,0,7 2,0 CODE14 1,0 2,0,7 2,0 CODE14 1,0 2,0,7 2,0 CODE14 1,0 2,0,7 2,0 CODE14 1,0 2,0,7 2,0 CODE14 1,0 2,0,7 2,0 CODE14 1,0 2,0,7 2,0 CODE14 1,0 2,0,7 2,0 CODE14 1,0 2,0,7 2,0 CODE14 1,0 2,0,7 2,0 CODE14 1,0 2,0,7 2,0 CODE14 1,0 2,0,7 2,0 CODE14 1,0 2,0,7 2,0 CODE14 1,0 2,0,7 2,0 CODE14 1,0 2,0,7 2,0 CODE14 1,0 2,0,7 2,0 CODE14 1,0 2,0,7 2,0 2,0,7 2,0 CODE14 1,0 2,0,7 2,0 2,0,7 2,0 CODE14 1,0 2,0,7 2,0,7 2,0 CODE14 1,0 2,0,7 2,0,7 2,0 CODE14 1,0 2,0,7 2,0,7 2,0 2,0,7 2,0 2,0,7 2,0,0,7 2,0,0,7 2,0,0,0,0 2,0,0,0,0,0 2,0,0,0,0 2,0,0,0,0	DO DOA PLUS PRINT READ TYPE MPY EXP ACCEPT ACCEPT TAP PUNCH TAPE MINUS	PΕ	1966	PAGE	8	
05049 05054 050557 050557 050557 050659 050669 05075 05087 05087 050887 050887 050887 05095 05095 05095 05091 05115 05115 05115 05117 051124 05125 05137 05137 05137 05147 05154 05155 05157 05157 05157 05169		P/L 00002 00005 00001 00002 00005 00001 00002 00005 00001 00002 00005 00001 00002 00005 00001 00002 00005 00001 00002 00005 00001 00002 00005 00001 00002 00005 00001 00002 00005 00001 00002 00005	0 ±0098 ±0170 03764 ±0002 ±0194 ±0194 ±0194 ±0194 ±0194 ±0194 ±0194 ±0194	PG/LN 03490 03710 03720 03730 03740 03750 03750 03750 03760 03770 03780 03820 03830 03840 03850 03880 03890 03980 03990 03900 03910 03920 03930 03940 03950 03970 03960 03970 04000 04010 04020 04030 04040 04050 04060 04070 04110 04120 04130 04150 04160 04160 04170 04180 04120 04120	CALLX FFRSW SUBPSW RMSW FLAGSW	DC DSA DC DC DC DSA DC DC DC DSA DC	2,0 CODE7 1,0 2,0,, 2,0 CODE12 1 2,0,, 2,0 CODE10 1 2,10,, 2,10 CODE1 1 2,0,, 2,0 CODE14 1 1,0,, 2,0 CODE14 1,0 2,5,, 2,5 2,5,, 2,5 2,0 CODE14 1,0 2,0,, 2,0 CODE14 1,0 2,0,, 2,0 CODE14 1,0 2,0,, 2,0 CODE14 1,0 2,0,, 2,0 CODE14 1,0 2,0,, 2,0 CODE14 1,0 2,0,, 2,0 CODE14 1,0 2,0,, 2,0 CODE14 1,0 2,0,, 2,0 CODE14 1,0 2,0,, 2,0 CODE14 1,0 2,0,, 2,0 CODE14 1,0 2,0,, 2,0 CODE14 1,0 2,0,, 2,0 2,0,, 2,0 CODE14 1,0 2,0,, 2,0 CODE14 1,0 2,0,, 2,0 CODE14 1,0 2,0,, 2,0 2,0,, 2,0 2,0,, 2,0 2,0,, 2,0 2,0	DO DOA PLUS PRINT READ TYPE MPY EXP ACCEPT ACCEPT TAP PUNCH PUNCH TAPE	PΕ	1966	PAGE		99

***	SECOND							NOVEMBER,			
OCTN OP	P/L	Q	PG/LN LABE			AND REMARKS	•				
5194 5195	00005 00001	±0002	04260 04270	DSA DC	CODE1 1,0						
5197	00002		04280	DC DC	2,0,,		RDVD				
199 204	00002 00005	0 3764	04290 04300	DSA	2,0 CODEO						
205	00001		04310 04320	DC DC	1,0 2,49,,		CMA				
207 209	00002 00002		04330	DC	2,48	**					
214	00005 00001	±0122	04340 04350	DSA DC	CODE8						
5215 5217	00002	•	04360	DC	2,49,,		LPAREN				
219	00002 00005	1 0026	04370 04380	DC DSA	2,1 CODE3						
5224 5225	00001	40020	04390	DC	1,0						
227	00002 00002		04400 04410	DC DC	2,60,, 2,59		STOP				
5229 5234	00005	±0074	04420	DSA	CODE6						
5235 5237	00001 00002		04430 04440	DC	1,0 2,60,,		PAUSE				
5239	00002		04450	DC	2,59						
5244 5245	00005 00001	1 0074	04460 04470	DSA DC	CODE6 1,0						
5247	00002		04480	20	2,60,,		CONTINUE				
5249 5254	00002 00005	±0074	04490 04500	DC DSA	2,59 CODE6						
5255	00001		04510	DC	1,0		FORMAT				
525 7 5259	00002 00002		04520 04530	DC DC	2,60,, 2,59		FORFIAT				
5264	00005	±0242	04540	DSA	CODE17						
5265 5267	00001 00002		04550 04560	DC DC	1,0 2,5,,		UNMNS				
5269	00002	_	04570	DC	2,0						
5274 5275	00005 00001	±0050	04580 04590	DSA DC	CODE4 1,0						
5277	00002		04600	DC	2,0,,		SENSE SWITCH				
5279 5284	00002 00005	0 3764	04610 04620	DC DSA	2,2 CODEO						
5285	00001	05104	04630	DC	1,0		CALL EVIT				
5287 5289	00002 00002		04640 04650	DC DC	2,0,, 2,0		CALL EXIT				
5294	00005		04660	DSA	CDCALL						
5295 5297	00001 00002		04670 04680	DC DC	1,0 2,60,,		sc				
5299	00002		04690	DC	2,60						
5304 5305	00005 00001		04700 04710	DSA DC	CODE0 1,0						
5307	00002		04720	DC	2,60,,		EQUAL				
5309 5314	00002 00005	±0002	04730 04740	DC DSA	2,59 CODE1						
5315	00001		04750	DC	1,0		COLON				
5317 5319	00002		04760 04770	DC DC	2,0,, 2,0		COLON				
5324	00005	0 3250	04780	DSA	CODE5						
5325 5327	00001 00002		04790 04800	DC DC	1,0 2,0,,		SUBP				
5329	00002	!	04810	DC							
			04.030		2,0 ECT1						
****	00005		04820 Tran II	DSA	FCT1			NOVEMBER,	1966	PA GF.	10
***		+0338 PASS FORT		DSA	FCT1	AND REMARK	KS	NOVEMBER,	1966	PAGE	10
***** .OCTN 0	SECOND 1P P/L 00001	O PASS FORT	TRAN II PG/LN LAB 04830	DSA EL MNE DC	FCT1 M OPERANDS 1,0	AND REMARK		NOVEMBER,	1966	PAGE	10
***** .OCTN 0 05335 05337	SECOND P P/L 00001 00002	PASS FORT	TRAN II PG/LN LAB 04830 04840	DSA EL MNE	FCT1 M OPERANDS 1,0 2,0,,	AND REMARK	SUBF	NOVEMBER,	1966	PAGE	10
.0CTN O	SECOND 9P P/L 00001 00002 00002	0 PASS FORT	PG/LN LAB 04830 04840 04850 04860	DSA EL MNE DC DC DC DC DC	PCT1 OPERANDS 1,0 2,0,, 2,0 FCT1	AND REMARK		NOVEMBER,	1966	PAGE	10
***** .OCTN O .5335 .5337 .5339 .5339 .5344	SECOND 0P P/L 00001 00002 00002 00005	PASS FORT	PG/LN LAB 04830 04840 04850 04860 04860	DSA EL MNE DC DC DC DC DC DC DC DC DCA D	PCT1 OPERANDS 1,0 2,0,, 2,0 FCT1 1,0	AND REMARK	SUBF	NOVEMBER,	1966	PAGE	10
0CTN O 05335 05337 05339 05344 05345 05345	SECOND 00001 00002 00002 00005 00001 00002	0 PASS FOR1	PG/LN LAB 04830 04840 04850 04860 04870 04880 04880	EL MNEI DC DC DC DC DC DC DC DC DC D	OPERANDS 1,0 2,0,, 2,0 FCT1 1,0 2,0,, 2,0	AND REMARK		NOVEMBER,	1966	PAGE	10
**** OCTN O 05335 05337 05339 05344 05345 05347 05349	SECOND 1P P/L 00001 00002 00005 00001 00002 00002	Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q	PG/LN LAB 04830 04840 04850 04860 04870 04880 04890 04990	DSA BL MNE DC DC DC DC DC DC DC DC DC D	OPERANDS 1,0 2,0,, 2,0 FCT1 1,0 2,0,, 2,0 FCT1	AND REMARK	SUBF	NOVEMBER,	1966	PAGE	10
	SECOND 00001 00002 00002 00003 00001 00002 00005 00001	O PASS FORT Q 2 2 40338 40338	PG/LN LAB 04830 04840 04850 04860 04870 04870 04990 04910 04910 04920	DSA BEL MNEI DC DC DC DC DC DC DC DC DC D	OPERANDS 1,0 2,0,, 2,0 FCT1 1,0 2,0,, 2,0 FCT1 1,0 2,0,,	AND REMARK	SUBF	NOVEMBER,	1966	PAGE	10
****** .OCTN O 05335 05337 05339 05344 05344 05347 05354 05355 05355	SECOND ONE P P/L ONE OIL ONE OIL ON	0 PASS FORT	PG/LN LAB 04830 04840 04850 04860 04870 04880 04890 04900 04910	EL MNE	OPERANDS 1,0 2,0,, 2,0 FCT1 1,0 2,0,, 2,0 FCT1 1,0 2,0,, 2,0 FCT1 1,0 2,0,, 2,0	AND REMARK	SUBF	NOVEMBER,	1966	PAGE	: 10
***** .0CTN 0 .05335 .55337 .55339 .55345 .55347 .55359 .55357 .55359	SECOND P P/L 00001 00002 00002 00002 00002 00000 00000 00000 00000	Q PASS FORT	7RAN II PG/LN LAB 04830 04840 04850 04860 04870 04890 04990 04910 04920 04930 04940 04950	DSA BL MNEI DC DC DC DC DC DC DC DC DC D	PCT1 OPERANDS 1,0 2,0,, 2,0 FCT1 1,0 2,0,, 2,0 FCT1 1,0 2,0,, 2,0 CDDE15 1,0	AND REMARK	SUBF DEF CALL	NOVEMBER,	1966	PAGE.	10
***** OCTN O 15335 15337 15334 15345 15345 15345 15355 15357 15357 15356 15356	SECOND OP P/L 00001 00002 00002 00001 00002 00001 00002 00002 00002	PASS FORT 0 2 2 3 40338 6 40338 2 2 5 40218	7RAN II PG/LN LAB 04830 04840 04850 04860 04870 04980 04990 04910 04920 04930 04940 04950 04950 04960 04970	DSA MNEI DC DC DC DSA DC DC DC DC DC DC DC DC DC D	OPERANDS 1,0 2,0,, 2,0 FCT1 1,0 2,0,, 2,0 CODE15 1,0 2,0,, 2,0 CODE15 1,0 2,0,, 2,0	AND REMARK	SUBF	NOVEMBER,	1966	PAGE.	10
***** OCTN O 15335 15337 15344 15345 15347 15349 15355 15357 15356 15357 15364 15357	SECOND P P/L 00001 00002 00002 00002 00002 00002 00000 00000 00000 00000 00000 00000 00000 00000 00000	PASS FORT 0 1 2 3 40338 2 6 40338 2 2 6 40218	PG/LN LAB 04830 04840 04850 04860 04870 04880 04990 04910 04920 04930 04940 04950 04960 04970 04980	DSA DC	PETT1 OPERANDS 1,0 2,0,, 2,0 FCT1 1,0 2,0,, 2,0 FCT1 1,0 2,0,, 2,0, CODE15 1,0 CODE15 1,0 FCTRT	AND REMARK	SUBF DEF CALL	NOVEMBER,	1966	PAGE	10
0CTN 0 15335 15337 15339 15344 15354 15345 15345 15357 15355 15365 15365 15365 15365 15365	SECOND P P/L 00001 00002 00002 00002 00001 00002 00001 00002 00001 00000 00000 00000 00000 00000 00000	Q PASS FORT Q 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	04830 04840 04850 04860 04870 04880 04870 04990 04910 04920 04930 04940 04950 04950 04960 04970 04980 04990	DSA BEL MNEI DC DC DC DC DC DC DC DC DC D	PCT1 OPERANDS 1,0 2,0,, 2,0 FCT1 1,0 2,0,, 2,0 FCT1 1,0 2,0,, 2,0 FCT1 1,0 2,0,, 2,0 CODE15 1,0 2,0,, 2,0 CODE15 1,0 2,0,, 2	AND REMARK	SUBF DEF CALL	NOVEMBER,	1966	PAGE	10
.***** OCTN O 15335 15337 15339 15344 15335 15347 15355 15357 15356 15357 15357 15357 15357	SECOND 00001 00002 00002 00002 00001 00002 00002 00000 00000 00000 00000 00000 00000 00000 00000 00000	PASS FORT Q 1 2 40338 1 40338 2 5 40218 1 2 2 1 2 2 1 2 2 2 2 2 2	PG/LN LAB 04830 04840 04850 04860 04860 04870 04880 04900 04910 04920 04930 04940 04950 04940 04950 04960 04970 04980 04990 05000	DSA MNEI DC DC DC DC DC DC DC DC DC D	FCT1 1,0 2,0,, 2,0 FCT1 1,0 2,0,, 2,0 FCT1 1,0 2,0,, 2,0 FCTR1 1,0 2,0,, 2,0 FCTRT 1,0 2,0,, 2,0 FCTRT 1,0 2,0,, 2,0	AND REMARK	SUBF DEF CALL RETURN	NOVEMBER,	1966	PAGE	: 10
***** OCTN O 15335 15337 15339 15344 153354 153354 153357 153367 153367 153367 153367 1533885	SECOND 00001 00002 00002 00002 00001 00002 00001 000000	PASS FORT 0 1 2 3 40338 2 40338 2 40218 2 40362 2 403764	PG/LN LAB 04840 04850 04860 04860 04870 04880 04990 04910 04910 04920 04930 04940 04950 04960 04970 04980 04990 05000 05010 05020	DSA DC DC DC DC DC DC DC DC DC D	M OPERANDS 1,0 2,0,, 2,0 FCT1 1,0 2,0,, 2,0 FCT1 1,0 2,0,, 2,0, FCTRT 1,0	AND REMARK	SUBF DEF CALL RETURN DUMMY	NOVEMBER,	1966	PAGE.	: 10
***** OCTN O 153357 153357 153345 153445 15345 153557 153559 1553569 155367 155369 155377 1553884	SECOND OP P/L 00001 00002 00002 00000 00001 000001 000001 000001 000001 000001 00000000	PASS FORT Q 1 1 1 1 1 1 1 1 1 1 1 1	FRAN II PG/LN LAB 04830 04840 04850 04860 04870 04980 04990 04910 04920 04930 04940 04950 04960 04970 04980 04970 04980 05010 05020 05030 05040	DSA BEL MNE DC DC DC DC DC DC DC DC DC D	OPERANDS 1,0 2,0,, 2,0 FCT1 1,0 2,0,, 2,0 FCT1 1,0 2,0,, 2,0 FCT1 1,0 2,0,, 2,0 FCTRT 1,0 2,0,, 2,0 FCTRT 1,0 2,0,, 2,0 FCTRT 1,0 2,0,, 2,0 2,0,, 2,0 FCTRT 1,0 2,0,, 2	AND REMARK	SUBF DEF CALL RETURN	NOVEMBER,	1966	PAGE	10
***** OCTN O 153357 153345 153347 153344 153357 153349 153359 153369 153367 1533884 153357 1533887 1533887	SECOND 00001 00002 00002 00005 00001 000000	PASS FORT Q 1 1 1 1 1 1 1 1 1 1 1 1	FRAN II PG/LN LAB 04830 04840 04850 04860 04870 04880 04990 04910 04920 04930 04940 04950 04950 04960 04970 04980 05000 05000 05020 05030 05040 05050	DSA DC	FCT1 1,0 2,0,, 2,0 FCT1 1,0 2,0,, 2,0 FCT1 1,0 2,0,, 2,0 FCTRT 1,0 CODE0 1,0 CODE6	AND REMARK	SUBF DEF CALL RETURN DUMMY	NOVEMBER,	1966	PAGE	10
***** OCTN O 153357 153359 153345 153457 153459 153357 153559 153557 153567 153577 153577 153587 153379 153379 153379	SECOND OOO 2 OOO 2 OOO 2 OOO 3 OOO 3 O	Q PASS FORT Q 2 2 2 2 2 2 6 93764 1 2 2 2 2 2 2 1 1 2 2 2 2 2 2 2 2 2 2 2	7RAN II PG/LN LAB 04830 04840 04850 04860 04870 04880 04990 04910 04920 04930 04940 04950 04950 04960 04970 04980 04970 04980 05000 05010 05020 05030 05040 05060 05070	DSA BEL MNEI DC DC DC DC DC DC DC DC DC D	PECT1 OPERANDS 1,0 2,0,, 2,0 FCT1 1,0 2,0,, 2,0 FCT1 1,0 2,0,, 2,0 CODE15 1,0 2,0,, 2,0 CODE0 1,0 2,0,, 2,60 CODE0 1,0 2,0,, 2,60 CODE0 1,0 2,0,, 2,0	AND REMARK	SUBF DEF CALL RETURN DUMMY	NOVEMBER,	1966	PAGE	10
***** OCTN O 153357 15339 153445 153345 153345 153357 153559 153357 153357 153367 153377 153377 153377 153377 153377 153377 153377 153379 153379	SECOND 00000 00000 00000 00000 00000 00000 0000	PASS FORT Q 1 2 3 40338 1 40218 2 5 40362 1 2 2 5 40764 1 2 2 2 2 40074	7RAN II PG/LN LAB 04830 04840 04850 04860 04870 04880 04990 04910 04920 04930 04940 04950 04950 04960 04970 04980 04970 04980 05000 05010 05020 05030 05040 05050 05060 05070 05080	DSA BEL MNEI DC DC DC DC DC DC DC DC DC D	FCT1 M OPERANDS 1,0 2,0,7 2,0 FCT1 1,0 2,0,7 2,0 FCT1 1,0 2,0,7 2,0 CODE15 1,0 2,0,7 2,0 CODE0 1,0 2,0,7 2,0 CODE0 1,0 2,0,7 2,0 CODE0 1,0 2,0,7 2,0 CODE0 1,0 2,0,7 2,0 CODE6 1,0 2,0,7 2,0 CODE6 1,0 2,0,7 2,0 CODE6 1,0 2,1,7 2,0 2,1,7 2,0	AND REMARK	SUBF DEF CALL RETURN DUMMY END	NOVEMBER,	1966	PAGE	10
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0CTN O 15335 15337 153345 153347 153347 153354 153357 153357 153357 153359 153365 153377 153388 153387 153388	SECOND 0000 0000 00000 00000 00000 00000 00000	PASS FORT Q 1 2 3 40338 2 40338 2 5 40218 2 5 40362 1 2 5 40194 1 2 2 5 40194	04830 04840 04850 04860 04870 04880 04890 04990 04910 04920 04930 04940 04950 04950 04960 05050 05060 05070 05080 05090 05110 05120 05130 05140	EL MNEI DC	PECT1 1,0 2,0,7 2,0 FCT1 1,0 2,0,7 2,0 FCT1 1,0 2,0,7 2,0 FCTRT 1,0 2,0,7 2,0 CODE0 1,0 2,0,7 2,0 CODE0 1,0 2,1,7 2,0 CODE14 1,0 2,1,7 2,0 CODE14	AND REMARK	SUBF DEF CALL RETURN DUMMY END FETCHV	NOVEMBER,	1966	PAGE.	10
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0CTN O 153357 15337 153345 153445 15345 15345 15345 15357	SECOND OPP P/L OOOD O	PASS FORT Q 1 2 3 40338 1 40338 1 2 5 40362 1 2 2 5 40194 1 2 2 5 40194	PG/LN LAB 04830 04840 04850 04860 04860 04870 04880 04910 04920 04930 04910 04920 04930 04940 04950 04960 04970 04980 05010 05000 05010 05020 05030 05040 05050 05060 05070 05080 05090 05110 05120 05130 05140 05150 05150	DSA BEL MNEI DC DC DC DC DC DC DC DC DC D	FCT1 1,0 2,0,7 2,0 FCT1 1,0 2,0,7 2,0 FCT1 1,0 2,0,7 2,0 FCTRT 1,0 2,0,7 2,60 CODE0 1,0 2,0,7 2,0 CODE14 1,0 2,1,7 2,0 CODE14 1,0 2,1,7 2,0 CODE14 1,0 2,1,7 2,0	AND REMARK	SUBF DEF CALL RETURN DUMMY END FETCHV	NOVEMBER,	1966	PAGE	10
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	SECOND 00002	PASS FORT Q 1	FRAN II PG/LN LAB 04830 04840 04850 04860 04860 04870 04980 04910 04920 04930 04940 04950 04960 04970 05050 05060 05070 05080 05060 05070 05100 05110 05120 05130 05140 05150 05160 05170 05180 05190 05110 05110 05110 05110 05120 05130 05140 05150 05160 05170 05180 05190 05190 05110 05120 05130 05140 05150 05160 05170 05180 05190 05100 05110 05120 05120 05220 05230 05240 05250 05260 05270	EL MNEI DC DC DC DC DC DC DC DC DC D	M OPERANDS 1,0 2,0,7 2,0 FCT1 1,0 2,0,7 2,0 FCT1 1,0 2,0,7 2,0 CODE15 1,0 2,0,7 2,0 FCTRT 1,0 2,1,7 2,0 FCODE14 1,0 ECODE14 1,0	AND REMARK	SUBF DEF CALL RETURN DUMMY END FETCHV FETCHL FINDV FINDL RECORDV	NOVEMBER,	1966	PAGE	10
****** OCTN O 05335 05335 05337 05345 05345 05347 05357 05357 05357 05367 05377 05389 06377 06389 06375 065379 06405 06407 065417 065417 065429 065425 065427	SECOND 0000 0000 0000 0000 0000 0000 0000 0	O PASS FORT O 1	(RAN II PG/LN LAB 0.4830 0.4840 0.4850 0.4860 0.4870 0.4880 0.4990 0.4910 0.4920 0.4930 0.4940 0.4950 0.4970 0.4990 0.5000 0.5010 0.5020 0.5030 0.5040 0.5050	DSA BEL MNEI DC DC DC DC DC DC DC DC DC D	FCT1 M OPERANDS 1,0 2,0,7 2,0 FCT1 1,0 2,0,7 2	AND REMARK	SUBF DEF CALL RETURN DUMMY END FETCHV FETCHL FINDV FINDL	NOVEMBER,	1966	PAGE	10
****** OCTN O 05335 05335 05345 05347 05354 05357 05357 05357 05357 05367 05377 05387 05387 05387 05387 05387 05387 05387 05399 05405 05407 05419 05425 05427 05429 05445 05444 05425 05447 05449	SECOND 00000 00000 00000 00000 00000 00000 0000	PASS FORT Q 1	(RAN II PG/LN LAB 04830 04840 04850 04860 04870 04860 04990 04910 04920 04930 04940 04950 04960 05970 05080 05010 05020 05030 05040 05050 05060 05070 05080 05070 05100 05110 05120 05130 05140 05150 05140 05150 05140 05150 05140 05150 05140 05150 05140 05150 05140 05150 05140 05150 05140 05150 05140 05150 05140 05150 05140 05150 05140 05150 05120 05220 05230 05240 05220 05220 05220 05220 05220 05220 05220 05220 05220 05220 05220	DSA MNEI DC DC DC DC DC DC DC DC DC D	M OPERANDS 1,0 2,0,7 2,0 FCT1 1,0 2,0,7 2,0 FCT1 1,0 2,0,7 2,0 CODE15 1,0 2,0,7 2,0 CODE0 1,0 2,0,7 2,0 CODE0 1,0 2,1,7 2,0 CODE14	AND REMARK	SUBF DEF CALL RETURN DUMMY END FETCHV FETCHL FINDV FINDL RECORDV	NOVEMBER,	1966	PAGE	10
0.5417 0.5335 0.5337 0.5334 0.5334 0.5334 0.5334 0.5335 0.5335 0.5335 0.5335 0.5335 0.5337 0.5336 0.5337 0.5437 0.5447 0.5447 0.5445	SECOND OPP P/L OOOD O	PASS FORT O 1 1 1 1 1 1 1 1 1 1 1 1	FRAN II PG/LN LAB 04830 04840 04850 04860 04860 04870 04980 04910 04920 04930 04910 04920 04930 04940 04950 04960 04970 05000 05010 05020 05030 05040 05050 05060 05070 05080 05090 05110 05120 05130 05140 05150 05160 051170 05180 05190 051100 051100 051100 05120 05130 05140 05150 05160 05177 05180 05190 05100 05110 05120 05120 05120 05220 05230 05240 05250 05260 05270 05280 05260 05270 05280 05290	DSA BEL MNE DC DC DC DC DC DC DC DC DC D	MOPERANDS 1,0 2,0,7 2,0 FCT1 1,0 2,0,7 2,0 FCT1 1,0 2,0,7 2,0 CODE15 1,0 2,0,7 2,0 CODE0 1,0 2,0,7 2,0 CODE0 1,0 2,1,7 2,0 CODE14 1,0 CO	AND REMARK	SUBF DEF CALL RETURN DUMMY END FETCHV FETCHL FINDV FINDL RECORDV	NOVEMBER,	1966	PAGE	10
****** OCTN O 15.335 15.337 15.334 15.3347 15.3347 15.3347 15.3357 15.3357 15.3357 15.3357 15.3357 15.3357 15.3357 15.3357 15.3357 15.3357 15.3357 15.3357 15.3357 15.3357 15.3357 15.3357 15.3357 15.3357 15.3369 15.3377 15	SECOND 0000 00000 00000 00000 00000 00000 0000	PASS FORT 0 1 1 1 1 1 1 1 1 1 1 1 1	(RAN II PG/LN LAB 0.4830 0.4840 0.4850 0.4860 0.4870 0.4880 0.4990 0.4910 0.4920 0.4930 0.4940 0.4950 0.4990 0.5000 0.5010 0.5020 0.5030 0.5040 0.5050 0.5	DSA BEL MNEI DC DC DC DC DC DC DC DC DC D	MOPERANDS 1,0 2,0,7 2,0 FCT1 1,0 2,0,7 2,0 FCT1 1,0 2,0,7 2,0 FCTRT 1,0 2,0,7 2,0 CODE0 1,0 2,0,7 2,0 CODE14 1,0 2,1,7 2,0 CODE14 1,0 CODE14 1	AND REMARK	SUBF DEF CALL RETURN DUMMY END FETCHV FETCHL FINDV FINDL RECORDV RECORDL	NOVEMBER,	1966	PAGE	10
05445 05415 05415 05427 05445 05455 05	SECOND SECOND ONE ONE ONE ONE ONE ONE ONE	PASS FORT 0 1 1 1 1 1 1 1 1 1 1 1 1	PG/LN LAB 04830 04840 04850 04860 04860 04870 04880 04990 04910 04910 04920 04930 04940 04950 05010 05020 05030 05040 05050 05060 05070 05080 05070 05180 05110 05120 05130 05140 05150 05140 05150 05140 05150 05120 05220 05230 05240 05250 05260 05270 05280 05260 05270 05280 05270 05280 05270 05280 05270 05280 05270 05280 05270 05280 05270 05280 05270 05280 05270 05280 05270 05280 05270 05280 05270 05280 05270 05280 05270 05280 05270 05280 05270 05280 05270 05280 053300 053300 053300 053300 053300	DSA MNEI DC DC DC DC DC DC DC DC DC D	MOPERANDS 1,0 2,0,7 2,0 FCT1 1,0 2,0,7 2,0 FCT1 1,0 2,0,7 2,0 FCTRT 1,0 2,0,7 2,0 CODE15 1,0 2,0,7 2,0 CODE61 1,0 2,1,7 2,0 CODE14 1,0 CODE14	AND REMARK	SUBF DEF CALL RETURN DUMMY END FETCHV FETCHL FINDV FINDL RECORDV RECORDL SO	NOVEMBER,	1966	PAGE	10
05445 05447 05445	SECOND 0000 0000 0000 0000 0000 0000 0000 0	PASS FORT Q 10 10 10 10 10 10 10 10 10	FRAN II PG/LN LAB 04830 04840 04850 04860 04860 04870 04980 04910 04920 04930 04910 04920 04930 04940 04950 05050 05060 05010 05020 05030 05040 05050 05060 05070 05080 05090 05110 05120 05130 05140 05150 05160 05170 05180 05190 051100 05120 05220 05230 05240 05250 05260 05270 05280 05270 05280 05330 05340 05330 05340 05330	DSA BEL MNE DC DC DC DC DC DC DC DC DC D	M OPERANDS 1,0 2,0,7 2,0 FCT1 1,0 2,0,7 2,0 FCT1 1,0 2,0,7 2,0 CODE15 1,0 2,0,7 2,0 CODE16 1,0 2,0,7 2,0 CODE14 1,0 2,1,7 2,0 CODE14 1,0 2,0,7 CODE14 1,0 CODE14	AND REMARK	SUBF DEF CALL RETURN DUMMY END FETCHV FETCHL FINDV FINDL RECORDV RECORDL	NOVEMBER,	1966	PAGE	10
0.CTN 0 153357 153347 153347 153344 153357 153447 153357 153369 153357 153369 153357 153369 153357 153369 153377 153388 153377 153388 153377 153388 153377 153389 153377 153389 15349	SECOND SECOND ONE ONE ONE ONE ONE ONE ONE	PASS FORT O 1	PG/LN LAB 04830 04840 04850 04860 04860 04870 04880 04990 04910 04910 04920 04930 04940 04950 05010 05020 05030 05040 05050 05060 05070 05080 05070 05180 05110 05120 05130 05140 05150 05140 05150 05140 05150 05120 05220 05230 05240 05250 05260 05270 05280 05260 05270 05280 05270 05280 05270 05280 05270 05280 05270 05280 05270 05280 05270 05280 05270 05280 05270 05280 05270 05280 05270 05280 05270 05280 05270 05280 05270 05280 05270 05280 05270 05280 05270 05280 053300 053300 053300 053300 053300	DSA MNEI DC DC DC DC DC DC DC DC DC D	MOPERANDS 1,0 2,0,7 2,0 FCT1 1,0 2,0,7 2,0 FCT1 1,0 2,0,7 2,0 CODE15 1,0 2,0,7 2,0 CODE0 1,0 2,0,7 2,0 CODE0 1,0 2,1,7 2,0 CODE14 1,0 2,0 CODESSAB 1,0 2,0 CODESSAB 1,0 2,0 2,0 2,0 2,0 2,0 2,0 2,0 2,0 2,0 2	AND REMARK	SUBF DEF CALL RETURN DUMMY END FETCHV FETCHL FINDV FINDL RECORDV RECORDL SO	NOVEMBER,	1966	PAGE	

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SECOND PASS FORTRAN II
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LOCTN
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                                              PG/LN LABEL MNEM OPERANDS AND REMARKS
                  00002
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05479
                 00002
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                 00005
                           +0266
                                              05420
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05485
05487
                 00001
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05450
05460
05470
05480
05490
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CODESS
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05494
                 00002
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DC
DC
                 00005
                           ±0266
05495
05497
05499
                 00001
00002
                                                                                                         CALL LINK
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                                                                   DC
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                                                                          CDCALL
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                           +0410
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                                                                   DSA
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05690
05750
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05510
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05538
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05600
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05790
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05540
05552
                 05518
05600
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05820
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                 05518
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05860
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                                                                   DS
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                           05599
                                                                           RGRI,*-1,11,
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05612
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05636
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05900
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RGR-1, 5, 10
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05654
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05660
05672
05684
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05920
05930
05940
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05704
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99
                            05518
                                                                   ВD
                                                                                                ,RMNS+8
           26
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                           00000
                                              05950
05695
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                                              05960
                                                        RGRS
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TAKE SYMBOL FROM STRING
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TF
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                                                                                                         EXIT
05784
05784
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*+20,RMNS+8,,
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                           05518
                                                        RGRNUL
                                                                  BD
                                                                                                         BRANCH IF RMNS OR GTNS
                                              06060
                                                                   B
DORG
                                                                          RGR-1,,6,
*-3
RGRS,0,68,
05796
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                 05599
                           00000
                                              06070
                                                                                                         EXIT IF RPNS
05804
05804
05816
                                              06080
06090
                                                                                                        MOVE NULL TO SYMBOL
                                                                   TFM
                 05599
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                                                                          RGR-1,,6,
                                              06110
06120
05824
                                                                   DORG *-3
                                                                       FORTRAN GENERATE TEMPORARY STORAGE ROUTINE
                                                                                                                                             *****
                                                                   DS
                 00005
                                              06130
                                                                          ĞI,,8,
                                                                   TEM
05830
           16
                 06601
                           00000
                                              06140
                                                        GNRP
                                                                                               SET GI TO ZERO
05842
05854
05866
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06601
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BTM
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GTNS,*+16,,
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GET ITH SYMBOL
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05882
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                           06601
                                              06180
                                                                          GI.GA
                                                                                                                                                                    102
05887
                 00005
                           06457
               SECOND PASS FORTRAN II
                                                                                                                          NOVEMBER, 1966
                                                                                                                                                          PAGE
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LOCTN
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         OP.
                                             PG/LN LABEL MNEM OPERANDS AND REMARKS
                 06457
05854
                                              06190
                                                                                                        COMPARE TO FAC ( 101 )
                                                                          GA,101,8,
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                                                                   CM
BE
05912
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                                              06210
                                                                          TMAX,,9,
                                                                                                        HAVE ANY TEMPS BEEN GENERATED
05924
05936
05948
                 06040
09575
                                                                          GNONE
GBASE, TBASE
GCNT, 0, 9
                           01200
                                              06220
                           02303
                                              06230
                                                       GYES
                                                                   TF
TFM
                 06007
                                                                          GCN1,0,9
GBASE,7,10
GFREE,GBASE,11,
GCNT,1,10
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                 09575
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05 9 7 2
05 9 8 4
05 9 9 6
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                                                                                                        BRANCH IF FREE ONE FOUND
                 06007
                                                                   ΔМ
                                              06270
                 06838
           14
                           00000
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                                                                          TMAX
                                             06290
06300
06310
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06705
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GCOW,ADCOW,,
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                                              06350
06064
06076
                                                                                                        MOVE ADONW TO GOOW
ADD 19 FOR LENGTH OF INSTS
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TCOW, GCOW,,
SS2,1
PUTX, *+16,,
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                           09578
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06100
                 06835
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06124
                07343
06898
                                              06400
06410
                           00001
                           06140
                                                                                                        DUTPUT STORE FAC INST
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06140
                 00005
                           06846
                                              06420
                                                                   DSA
                                                                          BTM.FRFAC.GCOW
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                 00005
                           44222
                00005
00005
06705
06150
06152
                           00005
                                              06430
                                                                          GC OW . 5 . 10 .
                                                                                                        IS GCOW ODD OR EVEN
06164
                 06434
                           00099
                                              06440
                                                                   BD
AM
                                                                          GADD1,99
GCOW,2,10,
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                                              06440
06450
06460
06470
06176
                 06705
                                                                                                         ADD 2 TO GCOW
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06898
                                                        GPUT
                                                                   TDM
                                                                          SS1,1
PUTX,*+16
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                                                                   втм
06216
                 00005
                           06848
                                              06480
                                                                   DSA
                                                                          B.GCOW.BLANK
                 00005
00005
                           06705
09344
06221
06226
                                                                          ADCOW,GCOW,,
GBASE,TBASE,,
GBASE-1,TMAX
GBASE,DOMAX
GPUTA
                                                                                                         RESERVE SPACE FOR NEW TEMP MOVE IN NEXT AVAILABLE TABLE ADDRESS
06228
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09575
                           06705
                                              06490
                                             06490
06500
06510
06520
06530
06540
                           02303
06252
06264
06276
06288
                 09574
09575
06320
08998
                                                       FULLCK C
BNL
BTM
                                                                          ERRT FULMES
                                                                          *+12
MONCAL
GBASE,TCOW,6
GBASE,4,10
GBASE,10,610
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                           01400
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06332
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                                                        GFLAG
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06344
           16
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06368
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GBASE,FLAGSW,6
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BTM
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06640
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RPNS,*+16
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06420
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                                              06670
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                                                       GADD1
                                                                   ΔМ
                                                                                                        ADD 1 TO GCOW
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GPUT


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SECOND PASS FORTRAN II
                                                                                                                                                   NOVEMBER, 1966
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LOCTN
           ОP
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                                                      PG/LN LABEL MNEM OPERANDS AND REMARKS
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GFLAG+12,GTSBSW
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                                                                  GFREE
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06518
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09575
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TCOW,GBASE,11,
SS2,1
PUTX,*+16,,
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06538
06550
                    06835
07343
                                                                                                                             MOVE ADDRESS OF GT TO TOOW
                                                                                TDM
06562
06578
06583
06588
                                 96578
96846
94222
                                                                                                                             OUTPUT STORE FAC INST
            17
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00005
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06601
06605
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                                                                  GI
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CM
BE
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                    00004
06606
06618
06630
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06860
06870
06880
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*+36
TBASE-1,GTCL-1
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                                 08101
                                                                   GTCL
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24
46
42
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06605
01100
06642
06654
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TF *+17,GTCL-1
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DORG *-9
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06682
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06705
06714
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06950
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CF
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06980
06990
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GBASE,3,10
GBASE,TBASE
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06762
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GBASE,,6
GBASE,13,10
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06788
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06800
06812
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07100
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06824
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07120
06835
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06838
06843
06844
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07140
07150
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06848
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07190
 06853
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06863
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                                                                   DJ
D3
DK
                                                       07210
07220
06868
                    00005
06873
06878
                    00005
                                                                                DS
                                                                                         5
                                                                                ÐS
                                                       07230
                                                       07240
07250
06883
06888
                    00005
00005
                                                                                                                                                                                                     104
****
                   SECOND PASS FORTRAN II
                                                                                                                                                  NOVEMBER, 1966
                                                                                                                                                                                         PAGE 14
LOCTN
            OP
                      P/L
                                    Q
                                                       PG/LN LABEL MNEM OPERANDS AND REMARKS
06891
06892
                    00003
                                                       07260
07270
                                                                   L DS 3
GTSBSW DSC 1,0
                    00001
                                                      07280
                                                                                     DISC OUTPUT ROUTINES FOR OBJECT PROGRAM
06897
06898
06910
                                                      07290
07300
07310
07320
                    00005
                                                                                DS
TF
AM
TF
                                                                                         5
PUT1
                                 0689<del>7</del>
000<del>0</del>5
0689<del>7</del>
                                                                   PUTX
             26
11
                                                                                                                   .PUTX-1
                    08636
06897
                                                                                        PUTX-1
PUTX-1
PUTX-1
TYPET
PUTX-1
PUTX-1
                                                                                                                   ,5
,PUTX-1
06922
             26
                    08641
                                                      07320
07330
07340
07350
07360
07370
07380
07390
             11
31
26
11
                                                                                                                   ,5
,TYPEX
,PUTX-1
06934
                    06897
                                 0000
06946
06958
06970
                    08291
08646
06897
                                                                                TR
TF
                                                                   PUTXA
                                                                                                                                            .11
                                 00002
                                                                                AM
C
                                                                                                                                            .10
06982
06994
07006
            24
47
24
47
                                                                                         CODET
PUTDIF
SAVCOW
                    08304
                                 08310
                                                                   PUTXB
                                                                                                                   ,LSTYPE
                    07470
07365
                                01200
06843
                                                                                BNE
                                                                                                                   , ADCOW
                                                                                BNE
07018
                    07610
                                 01200
                                                       07400
                                                                                         OUTSER
            24
47
43
                                                       07410
07410
07420
07430
                    08312
07770
                                08293
07030
                                                                                         BAL
PUTNXT
07042
07054
                    07074
                                 08304
                                                                  PUTEST BD
                                                                                         PUTINS
                                                                                                                   ,CODET
                                                                                     PUTCAD
PLACE INSTRUCTIONS IN DUTPUT BUFFER
NEXT ,2 ,10
NEXT ,PUT1 ,611
07066
             49
                    07394
                                                       07440
                                                                                B7
                                                      07440
07450
07460
07470
07480
07490
07500
07510
07520
07530
                                                                    ****
07074
07086
                    08322
0832<del>2</del>
                                                                   PUTINS AM
                                 000002
                                 08636
                                                                                TF
                   08322
02262
07134
07334
08322
02262
07182
                                                                                         LOCOM
*+24
FLG2
NEXT
07098
             24
47
                                 08646
                                                                                                                   ,PUT3
07098
07110
07122
07134
07146
07158
                                 01100
07343
000<del>0</del>1
                                                                                                                   , $$2
                                                                                B D
S M
                                                                   PUTXC
                                                                                                                                            ,10
,11
                                                                                         LOCOM
*+24
*+24
                                                                                                                   PUT2
                                0864<del>1</del>
01100
                                                                                BNH
                                                      07540
07550
07560
07570
07170
                    07194
                                                                                BD
CF
                                                                                                                   ,551
07170
07182
07193
07194
            33
                                 00000
                                                                                         NEXT
                                                                                                                                            ,6
                                                                  PUTGT
                                                                                DS
                                                                                         ,*
NEXT
                                 00006
             11
                    08322
                                                                                ΑМ
                                                                                                                   ,6
                                                                                                                                            .10
                                0864<del>1</del>
07344
000<del>0</del>5
                                                      07580
07590
07600
                                                                                         NEXT
FLG3
NEXT
                                                                                                                   ,PUT2
07206
                    08322
                                                                                TE
                                                                                                                                            ,611
                    07354
08322
0832<del>2</del>
07218
07230
                                                                  PUTXD
                                                                                                                                            ,10
             26
                                                      07610
07620
07630
                                                                                                                   PUTS
07242
                                 08646
                                                                                         NEXT
                                                                                                                                            ,611
                    07374
07345
08312
             43
16
12
                                 07345
0<del>0</del>000
                                                                                         FLG4
SS4
07254
                                                                                                                   $$4
07266
07278
07290
                                                                  PUTXE
                                                                                                                   ,0
,12
                                                                                         BAL
                                 000 ±2
                                                       07640
                                                                                SM
                                                                                                                                            ,10
                                                       07650
07660
07670
                                                                                                                   , SLNG
, ADC DW
, SLNG
             21
26
21
49
                                                                  PUTXE
                    06843
                                 08293
                                                                                         ADCOW
07302
07314
07326
                    06897
                                                       07680
                                                                                87
                                                                                         PUTX-1
                                                                                                                                            ,6
                                                      07690
07700
07710
                                                                                        NEXT
,*-3
,*-2
,*-1
07334
            32
                    08322
                                00000
                                                                   FLG2
                                                                                                                                            , 6
07344
07343
07344
07345
07346
07354
                    00000
                                                                  SS2
SS3
SS4
                                                                                DS
                                                      07710
07720
07730
07740
07750
07760
                                                                                DS
DS
B7
SF
                    00000
                    00000
                    07134
0832<del>2</del>
00000
                                                                                         PUT XC
NEXT
                                 99999
                                                                   FLG3
SAVCOW
                                                                                                                   ,99999
                                                                                                                                            •67
                                                                                         ,*
PUTXD
                                                      07770
07780
07790
07800
07366
                    07230
                                                                                B7
             32
49
                    08322
                                00000
                                                                   FLG4
                                                                                         NEXT
                                                                                                                                            ,6
                    07266
07386
                                                                               87
                                                                                     PLACE DSA ADDRESSES IN OUTPUT BUFFER NEXT ,SLNG
                                                                   PUTCAD A
                    08322
07394
            21
                                08293
                                                       07810
                                                                                                                                                                                                 105
07406
                    08312
                                08293
                                                       07820
                                                                                         BAL
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****		SECOND	PASS FORTRAN	H					NOVEMBE	R, 1966	PAGE	15
LOCTN	OP	P/L	Q		LABEL	MNEM	OPERANDS AND	REMARKS	,vovembe	-10.7	7 401	
07418	26	0832 2	0864 6	07830		TF	NEXT	,PUT3	,611			
07430 07442	43 49	07450 07290	08301	07840 07850		BD B7	*+20 PUTXF	,CODET-3				
07450 07462	16 49	07365 07314	9 9999	07860 07870		TFM B7	SAVCOW PUTXF+24	,99999				
07470	26	08310	08304	07880 07890	****** PUTDIF	TF	HIS TYPE NOT E LSTYPE	,CODET				
07482 07494 07506	24 47 24	07365 07610 08312	06843 01200 08295	07900 07910 07920		BNE	SAVCOW OUTSEQ	, ADCOW			•	
07518 07530	47 11	07770 08322	01300 000 0 1	07930 07940	PUTXG	C BL AM	BAL PUTNXT NEXT	,SSLNG	,10			
07542 07554	25 11	0832 2 08322	08291 000 0 2	07950 07960	10170	TD AM	NEXT NEXT	,TYPET	,6 ,10			
07566 07578	16 26	0832 2 08317	000 0 0 08322	07970 07980		TFM TF	NEXT LNGAD	,0 ,NEXT	,610			
07590 07602	12 49	08312 07054	00003	07990 08000		SM B7	BAL PUTEST	, 3	,, 10			
07610	24	08312	08299	08010 08020	****** OUTSEQ		UT OF SEQUENCE BAL	, SQLNG				
07622 07634	47 14	07770 08312	01300 000 7 5	08030 08040		BL CM	PUTNXT BAL	, 75	,10			
07646 07658	11	07694 08322	01200 000 0 1	08050 08060		BE AM	PUTXH	,1	, 10			
07670 07682	12 15	08312 0832 2	000 0 1 00000	08070 08080		SM TDM	BAL NEXT	,1	,10 ,6			
07693 07694 07706	11 12	00001	00005	08090	PUTXH	DC AM	1,0,* NEXT	,5	,10			
07718 07730	43 26	08312 07750 0832 2	000 0 5 08301 06843	08110 08120 08130	PUTXJ	SM BD TF	BAL PUTTA NEXT	,5 ,CODET-3 ,ADCOW	,10 ,6			
07742 07750	49 26	07530 0832 2	08641	08140 08150	PUTTA	B7 TF	PUTXG NEXT	,PUT2	,611			
07762	49	07530		08160 08170	****	B7 N	PUTXG EXT CARD BUFFE	R TO BE USED				
07770 07782	11 25	08322 0832 2	000 0 1 08290	08180 08190	PUTNXT	TD	NEXT NEXT	,1 ,FLGRM	,10 ,6			
07794 07806	14 46	08631 07874	0 8551 01200	08200 08210		CM BE	PREBUF PUTPCH	,BUF4				
07818 07830 07842	11 26 12	08631	000 7 5 08631	08220		AM TF	PREBUF NEXT	,75 ,PREBUE	,10			
07854 07866	16	08322 08312 07694	000 0 1 000 7 5	08240 08250 08260	IXTU9	SM TFM B7	NEXT BAL PUTXH	,1 ,75	,10 ,10			
07874	15	08626	00000	08270 08280	******	0	UTPUT BUFFER L BUF4+75	OAD TO DISC				
07885 07886	16	00001	0 7909	08290 08300	7 011 011	DGM TFM	* IORT	, *+23				
07898 07910	49 11	00532 08281	0 8268 000 0 3	08310 08320		B AM	IOPT PUTXZ	,PUTXX	,7 ,10			
07922 07934	16 16	08631 08322	0 8326 0 8325	08330 08340		TFM TFM	PREBUF NEXT	,BUF1 ,BUF1-1				
07946 07958	16 26	07964 08626	0 8626 09352	08350 08360		TFM TF	*+18 BUF4+75	,BUF4+75				
07970 07982 07994	12	07964	000±2 0 8326	08370		SM CM	*-6 *-18	,12 ,BUF1	,10			106
01994	46	07958	01100	08390		вн	*-36					700
****		SECOND	PASS FORTRAN	II					NOVEMBE	R, 1966	PAGE	16
***** LOCTN	OP	SECOND P/L	PASS FORTRAN	II PG/LN	LABEL	MNEM	UPERANDS AND	REMARKS	NOVEMBE	R, 1966	PAGE	16
08006	0P 49	P/L 07854	00000	PG/LN 08400		В	PUTXI			R, 1966	PAGE	16
US 0006 08018 08030	OP 49 26 33	P/L 07854 08041 08041	0 00000 08017 00000	PG/LN 08400 08410 08420	LABEL	B TF CF	PUTXI *+23 *+11	,*-1	,11	R, 1966	PAGE	16
UCTN 08006 08018 08030 08042 08054	OP 49 26 33 24 46	P/L 07854 08041 08041 08044	0 00000 08017 00000 02262 01100	PG/LN 08400 08410 08420 08430 08440		B TF CF C BH	PUTXI *+23 *+11 *-1 PUTCA	,*-1 ,LOCAM		R, 1966	PAGE	16
UCTN 08006 08018 08030 08042	OP 49 26 33 24	P/L 07854 08041 08041 08041	0 00000 08017 00000 02262	PG/LN 08400 08410 08420 08430		B TF CF C	PUTXI *+23 *+11 *-1	,*-1	,11	R, 1966	PAGE	16
LOCTN 08006 08018 08030 08042 08054 08066 08078 08090 08102 08114	OP 49 26 33 24 46 31 26 49 26 31	P/L 07854 08041 08041 08041 08114 08291 06897 06958 08017 08291	0 00000 08017 00000 02262 01100 08662 08017 00000 08101 08677	PG/LN 08400 08410 08420 08430 08440 08450 08460 08470 08480 08490	PUTC	B TF CF BH TF B TF	PUTXI *+23 *+11 *-1 PUTCA TYPET PUTX-1 PUTXA PUTC-1,PUTD-1 TYPET	,*-1 ,LOCOM ,TYPECR	,11	R, 1966	PAGE	16
LOCTN 08006 08018 08030 08042 08054 08066 08078 08090 08102 08114 08126 08138	OP 49 26 33 24 46 31 26 49 26 31 49 26	P/L 07854 08041 08041 08114 08114 06897 06958 08017 08291 080808	0 00000 08017 00000 02262 01100 08662 08017 00000 08101 08677 00000 08137	PG/LN 08400 08410 08420 08430 08440 08450 08460 08470 08480 08490 08500 08510	PUTCB PUTCB PUTCA	B TF CF C BH TF B TF TR B	PUTXI *+23 *+11 *-1 PUTCA TYPET PUTXA PUTCA-1,PUTD-1 TYPET PUTCE PUTCB PUTC	,*-1 ,LOCOM ,TYPECR ,PUTC-1 ,TYPECN ,PUTA-1	,11	R, 1966	PAGE	16
08006 08018 08030 08042 08054 08078 08090 08102 08114 08138 08150 08162	OP 49 26 33 24 46 31 26 49 26 31 49 26 11 26	P/L 07854 08041 08041 08114 08291 06897 06958 08017 08291 08078 08078	0 00000 08017 00000 02262 01100 08662 08017 00000 08101 08677 00000 08137 00095 08137	PG/LN 08400 08410 08420 08430 08440 08450 08460 08470 08480 08500 08510 08520 08530	PUTCB PUTCB PUTCA	B TF CF C BHRTF B TFR B TFR AM TF	PUTXI *+23 *+11 *-1 PUTCA TYPET PUTXA PUTC-1,PUTD-1 TYPET PUTCB PUTCB PUTCB PUTCB PUTCB PUTCA	,*-1 ,LOCOM ,TYPECR ,PUTC-1 ,TYPECN ,PUTA-1 ,5 ,PUTA-1	,11 ,6	R, 1966	PAGE	16
08006 08018 08030 08042 08054 08068 08078 08090 08114 08126 08138 08150 08162	OP 49 26 33 24 46 31 26 49 26 31 49 26 11 26	P/L 07854 08041 08041 08114 08119 06897 06958 08017 08078 08078 08078 08137 08646 08137	0 00000 08017 00000 02262 01100 08662 08017 00000 08101 08677 00000 08137 00005 08137 00061 08137	PG/LN 08400 08410 08420 08430 08440 08450 08470 08450 08550 08550 08550 08550 08550	PUTCB PUTCB PUTCA	B F F C F C B T T F B F F M F M F M F M F M F M F M F M F	PUTXI *+23 *+11 *-1 PUTCA TYPET PUTXA PUTCA1,PUTD-1 TYPET PUTCE PU	,*-1 ,LOCOM ,TYPECR ,PUTC-1 ,TYPECN ,PUTA-1 ,5 ,PUTA-1 ,1 ,PUTA-1	,11 ,6	R, 1966	PAGE	16
08006 08018 08030 08042 08054 08058 08078 08102 08114 08126 08138 08150 08162	OP 49 26 33 24 46 31 26 49 26 11 26 11	P/L 07854 08041 08041 08114 08291 06897 06958 08017 08078 08078 08078 08078 08078 08078	0 00000 08017 00000 02262 01100 08662 08017 00000 08101 08677 00000 08137 00005 08137	PG/LN 08400 08410 08420 08430 08440 08450 08470 08480 08490 08500 08510 08520 08530 08540	PUTCB PUTCB PUTCA	B TF CF C BHRTF B TFR B FAM TF AM	PUTXI *+23 *+11 *-1 PUTCA TYPET PUTXA PUTC-1,PUTD-1 TYPET PUTCE PUT2 PUTA-1 PUT3 PUTA-1	,*-1 ,LOCOM ,TYPECR ,PUTC-1 ,TYPECN ,PUTA-1 ,5 ,PUTA-1 ,1	,11 ,6	R, 1966	PAGE	16
08006 08018 08030 08042 08054 08066 08078 081102 08114 08126 08138 08150 08162 08184 08198 08210 08222	OP 49 26 33 24 46 31 26 49 26 11 26 11 26 31 49	P/L 07854 08041 08041 08144 08291 06897 06958 08017 08641 08137 08646 08137 08646 08137 08646 08137 06958	0 00000 08017 00000 02262 01100 08662 08017 00000 08101 08677 00000 08137 00005 08137 000061 08137 00061 08137 08692 00000	PG/LN 08400 08410 08420 08430 08440 08450 08460 08450 08500 08510 08520 08530 08550 08560 08580 08580	PUTCB PUTCB PUTCA PUTCA PUTA	BTEE HREBTTB FAMENTR REFT	PUTXI *+23 *+11 *-1 PUTCA TYPET PUTX-1 PUTCA1,PUTD-1 TYPET PUTCE PUTC -1 PUTC	,*-1 ,LOCOM ,TYPECR ,PUTC-1 ,TYPECN ,PUTA-1 ,5 ,PUTA-1 ,1 ,PUTA-1 ,1 ,PUTA-1 ,TYPEA	,11 ,6	R, 1966	PAGE	16
08006 08018 08030 08042 08054 08068 08078 08102 08114 08126 08174 08160 08198 08160 08186 08198 08210 08222 08253	OP 49 26 33 24 46 31 26 31 49 26 31 49 26 31 26 31 26	P/L 07854 08041 08041 08144 08291 06958 08017 06958 08078 08646 08137 08697 08291 07610 08291 076958 08017	0 00000 08017 00000 02262 01100 08662 08017 00000 08101 08677 00000 08137 00005 08137 00001 08137 08692 00000 08253	PG/LN 08400 08410 08420 08430 08440 08450 08470 08480 08510 08520 08530 08550 08570 08580 08560 08560 08560	PUTCB PUTD SPUTCA	BTFF BTFR FMFR RF7CCBTTB BTCBTTB BTCBTTB BTCBTTB BTCBTTB BTCBTCBTBCC	PUTXI *+23 *+11 *-1 PUTCA TYPET PUTX-1 PUTX-1 PUTCB PUTC-1,PUTD-1 TYPET PUTA-1 PUTA-1 PUTA-1 PUTX-1 TYPET. OUTSEO TYPET,TYPERM PUTX-1,PUTRM- PUTXA 1,2 2,2	,*-1 ,LOCOM ,TYPECR ,PUTC-1 ,TYPECN ,PUTA-1 ,5 ,PUTA-1 ,1 ,PUTA-1 ,1 ,PUTA-1 ,TYPEA	,11 ,6	R, 1966	PAGE	16
08006 08018 080018 08030 08042 08054 08068 08102 08114 08126 08138 08150 08162 08174 08184 08210 08222 08234 08255 08257	OP 49 26 33 24 46 31 26 31 49 26 31 49 26 31 26 31 26	P/L 07854 08041 08041 08041 08114 08114 08197 06958 08017 08291 08078 08646 08137 06897 06958 00001 00002 00002	0 00000 08017 00000 02262 01100 08662 08017 00000 08101 08677 00000 08137 00005 08137 00001 08137 08692 00000 08253	PG/LN 08400 08410 08420 08430 08440 08450 08460 08490 08510 08520 08530 08540 08550 08560 08580 08560 08580 08580 08580	PUTCB PUTCB PUTCA PUTCA PUTA	B T C C B H R T T F B T A M F M T T R B T T A M F M T T R B T T F B T C C D C C D C C D C C C C C C C C C C	PUTXI *+23 *+11 *-1 PUTCA TYPET PUTX-1 PUTCA-1,PUTD-1 TYPET PUTCB PUTCB PUTCB PUTA-1 PUTA-1 PUTA-1 PUTX-1 TYPET OUTSEO TYPET,TYPERM PUTX-1,PUTRM-PUTXA 1,2 2,2 2,5	,*-1 ,LOCOM ,TYPECR ,PUTC-1 ,TYPECN ,PUTA-1 ,5 ,PUTA-1 ,1 ,PUTA-1 ,1 ,PUTA-1 ,TYPEA	,11 ,6	R, 1966	PAGE	16
08006 08018 08030 08042 08054 08066 08078 08102 08112 081126 08118 08150 0818 08150 0818 08150 0819 0819 0819 0819 0819 0819 0829 0829 08255 08255 08255 08255	OP 49 26 33 24 46 31 26 31 49 26 31 49 26 31 26 31 26	P/L 07854 08041 08041 08041 08114 08291 06897 08291 08078 08641 08137 06897 06958 00001 00002 00002 00002 00002	0 00000 08017 00000 02262 01100 08662 08017 00000 08101 08677 00000 08137 00005 08137 00001 08137 08692 00000 08253	PG/LN 08400 08410 08420 08430 08440 08450 08460 08470 08500 08510 08520 08520 08540 08570 08560 08570 08560 08580 08590 08580 08580 08580	PUTCB PUTCB PUTCA PUTCA PUTA	B T C C C B T T B B T A M F A M T T R B T T F B T S C C D C C C C C C C C C C C C C C C C	PUTXI *+23 *+11 *-1 PUTCA TYPET PUTX-1 PUTX-1 PUTC-1,PUTD-1 TYPET PUTCE PUT2 PUTA-1 PUTA-1 PUTA-1 PUTA-1 TYPET OUTSEO TYPET,TYPERM PUTX-1,PUTRM-PUTXA 1,2 2,2 2,5 2,10 2,110 2,110	,*-1 ,LOCOM ,TYPECR ,PUTC-1 ,TYPECN ,PUTA-1 ,5 ,PUTA-1 ,1 ,PUTA-1 ,1 ,PUTA-1 ,TYPEA	,11 ,6	R, 1966	PAGE	16
08006 08018 08030 08054 08054 08066 08078 08102 08114 08126 08138 08150 08162 08174 08188 08222 08234 08255 08255 08255 08256 08266	OP 49 26 33 24 46 31 26 31 49 26 31 49 26 31 26 31 26	P/L 07854 08041 08041 08114 08291 06897 06958 08017 08291 08078 08646 08137 08291 07610 08291 07610 07610 07610 076958 076958 076958 076958 076958 076958 076958 076958	0 00000 08017 00000 02262 01100 08662 08017 00000 08101 08677 00000 08137 00005 08137 00001 08137 08692 00000 08253	PG/LN 08400 08410 08420 08430 08440 08450 08460 08470 08500 08510 08520 08530 08540 08580 08580 08590 08610 08660 08680 08660 08680	PUTCB PUTCB PUTCA PUTCA PUTA	BTFCCCHTTFBTFRATFMTTRBTFCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC	PUTXI *+23 *+11 *-1 PUTCA TYPET PUTX-1 PUTX-1 PUTX-1 PUTCB PUTCB PUTA-1 PUTX-1 TYPET OUTSEO TYPET, TYPERM PUTX-1, PUTRM- PUTX-1, PUTRM- PUTX-1 TYPET, TYPERM PUTX-1, PUTRM- PUTX-1, PUTRM-	,*-1 ,LOCOM ,TYPECR ,PUTC-1 ,TYPECN ,PUTA-1 ,5 ,PUTA-1 ,1 ,PUTA-1 ,1 ,PUTA-1 ,TYPEA	,11 ,6	R, 1966	PAGE	16
USCTN USCOOL	OP 49 26 33 24 46 31 26 31 49 26 31 49 26 31 26 31 26	P/L 07854 08041 08041 08041 08114 08291 06897 06958 08017 08278 084137 08291 07610 07610 0702 00002 00002 00002 00002 00002 00002 00002	0 00000 08017 00000 02262 01100 08662 08017 00000 08101 08677 00000 08137 00005 08137 00001 08137 08692 00000 08253	PG/LN 08400 08410 08420 08430 08440 08450 08460 08470 08500 08510 08520 08550 08560 08560 08560 08560 08560 08560 08560 08560 08580 08580 08580 08580 08580 08580 08580 08590	PUTCB PUTCB PUTCA PUTCA PUTRM TYPERM	BTFCFCBHTTFBTTTRBTFAMFTAMFTAMTTRBTFFBTCDCCCDCCCDCCCDCCCDCCCCDCCCCCCCCCCC	PUTXI *+23 *+11 *-1 PUTCA TYPET PUTXA PUTC-1,PUTD-1 TYPET PUTCB PUT2 PUTA-1 PUTX-1 TYPET OUTSEO TYPET,TYPERM PUTX-1,PUTRM- PUTX-1 1,2 2,2 2,5 2,10 2,10 2,10 2,2 PUTXY 1,3	,*-1 ,LOCOM ,TYPECR ,PUTC-1 ,TYPECN ,PUTA-1 ,5 ,PUTA-1 ,1 ,PUTA-1 ,1 ,PUTA-1 ,TYPEA	,11 ,6	R, 1966	PAGE	16
08006 08018 08030 08042 08054 08068 08102 08112 08113 08150 08120 08174 08150 08162 08174 08257 08257 08257 08257 08257 08261 08261 08261	OP 49 26 33 24 46 31 26 31 49 26 31 49 26 31 26 31 26	P/L 07854 08041 08041 08041 08114 08114 08197 06958 08017 08291 0807 08291 07610 08291 07610 08291 07610 08291 07610 08291 07610 08291 07610 08291 07610 08291 07610 08291 07610 08291 07610 08291 07610 08291 07610 08291 07610 08291 07610 08291 07610 08291	0 00000 08017 00000 02262 01100 08662 08017 00000 08101 08677 00000 08137 00005 08137 00001 08137 08692 00000 08253	PG/LN 08400 08410 08420 08430 08440 08450 08460 08470 08480 08510 08530 08540 08530 08560 08580 08560 08580 08660 08660 08660	PUTCB PUTCB PUTCA PUTTA PUTRM TYPERM	BTFCFCBHTFBBTAMFTBBTAFBTTBBTAMFTBBTAMFTBBTAMFTBBTAMFTBBTAMFTBBCDCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC	PUTXI *+23 *+11 *-1 PUTCA TYPET PUTX-1 PUTCA1,PUTD-1 TYPET PUTCB PUTCB PUTCB PUTA-1 PUTA-1 PUTA-1 PUTA-1 PUTX-1 TYPET OUTSED TYPET,TYPERM PUTX-1,PUTRM-PUTXA 1,2 2,2 2,5 5,100 2,11 5,100 1,2 2,2 2,10 2,11 5,100 1,2 2,2 2,2	,*-1 ,LOCOM ,TYPECR ,PUTC-1 ,TYPECN ,PUTA-1 ,5 ,PUTA-1 ,1 ,PUTA-1 ,1 ,PUTA-1 ,TYPEA	,11 ,6	R, 1966	PAGE	16
USCTN USCOOL	OP 49 26 33 24 46 31 26 31 49 26 31 49 26 31 26 31 26	P/L 07854 08041 08041 08041 08114 08291 06897 06958 08011 08137 08291 07610 08291 07610 07	0 00000 08017 00000 02262 01100 08662 08017 00000 08101 08677 00000 08137 00005 08137 00001 08137 08692 00000 08253	PG/LN 08400 08410 08420 08430 08440 08450 08460 08470 08520 08520 08520 08560 08560 08560 08580 08560 08580 08670 08680 08680 08680 08680 08680 08680 08700 08710 08730 08740	PUTCB PUTCB PUTCA PUTCA PUTRM TYPERM PUTXX PUTXX PUTXX PUTXZ FLGRM	B TFF CF B TFF B TF A TF B TF A TF B TF B TF B	PUTXI *+23 *+11 *-1 PUTCA TYPET PUTX-1 PUTX-1 PUTX-1 PUTCB PUT2 PUTA-1 PUTA-1 PUTX-1 TYPET OUTSEO TYPET,TYPERM PUTX-1,PUTRM- PUTX-1,PUTRM- PUTX-2,2 2,2 5,10 2,11 5,100 1,00 1,00 1,00 1,00 1,00 1,00	,*-1 ,LOCOM ,TYPECR ,PUTC-1 ,TYPECN ,PUTA-1 ,5 ,PUTA-1 ,1 ,PUTA-1 ,1 ,PUTA-1 ,TYPEA	,11 ,6	R, 1966	PAGE	16
08006 08018 08030 08042 08054 08066 08078 08102 08114 08128 08150 08162 08174 08186 08198 08210 08225 08257 08257 08257 08266 08276 08276 08284 08284 08284 08290 08291 08291	OP 49 26 33 24 46 31 26 31 49 26 31 49 26 31 26 31 26	P/L 07854 08041 08041 08041 08114 08291 06897 06958 08017 08291 06897 06958 00001 00002 00002 00002 00005 00001 00001 00005 00001 00001 00001	0 00000 08017 00000 02262 01100 08662 08017 00000 08101 08677 00000 08137 00005 08137 00001 08137 08692 00000 08253 08221	PG/LN 08400 08410 08420 08440 08450 08460 08470 08460 08470 08510 08520 08580 08560 08560 08560 08560 08560 08570 08580 08660 08670 08670 08770 08770 08770	PUTCB PUTCB PUTCA PUTCA PUTTA PUTTA PUTTXY PUTXX PUTXY PUTXZ FLGRM TYPET SLNG	B TF CF B TF B TF TR B TF A TF A TF B TF A TF B TF A TF B TF C D C D C D C D C D C D C D C D C D C	PUTXI *+23 *+11 *-1 PUTCA TYPET PUTXA PUTC-1,PUTD-1 TYPET PUTCB PUT2 PUTA-1 PUTXA PUTX-1 TYPET OUTSED TYPET,TYPERM PUTX-1,PUTRM- PUTX-1 PUTX-1 PUTX-1 TYPET OUTSED TYPET,TYPERM 1,2 2,2 2,5 2,10 2,11 5,100 1,0 2,2 PUTXY 1,0 1,0 3,3 8 UFI 1,0 1,0 2,2 PUTXY 1,0 2,2 PUTXY 1,0 2,2 PUTXY 1,0 2,0 3,3 BUFI 1,0 1,0 1,0 1,0 1,0 1,0 1,0 1,0 1,0 1,0	,*-1 ,LOCOM ,TYPECR ,PUTC-1 ,TYPECN ,PUTA-1 ,5 ,PUTA-1 ,1 ,PUTA-1 ,1 ,PUTA-1 ,TYPEA	,11 ,6	R, 1966	PAGE	16
08006 08018 08030 08042 08054 080678 08078 08102 08114 08138 08150 08160 08188 08150 08160 08222 08234 08255 08257 08257 08261 08266 08266 08278 08278 08278 08278	OP 49 26 33 24 46 31 26 31 49 26 31 49 26 31 26 31 26	P/L 07854 08041 08041 08041 08114 08114 08117 06958 08017 08291 06897 08291 06002 00002 00002 00002 00005 00001 00001 00005 00001 00002 00002	0 00000 08017 00000 02262 01100 08662 08017 00000 08101 08677 00000 08137 00005 08137 00001 08137 08692 00000 08253 08221	PG/LN 08400 08410 08420 08440 08450 08460 08470 08500 08510 08520 08580 08560 08560 08560 08560 08560 08570 08580 08670 08670 08680 08670 08750 08750 08770 08770	PUTCB PUTCB PUTCA PUTA PUTRM TYPERM PUTXX PUTXX PUTXY	B TF C C B H R T F B T F B T A T F B T T B T T B T T B T T B T T B T T B T C D D C C D D C C D D C C D D C C D D C C D D C C D D C C D D D C C D	PUTXI *+23 *+11 *-1 PUTCA TYPET PUTX-1 PUTXA PUTC-1,PUTD-1 TYPET PUTA-1 PUTXA PUTA-1 PUTXA PUTX-1 TYPET OUTSEO TYPET,TYPERM PUTX-1,PUTRM- PUTX-1 PUTXA 1,2 2,2 2,5 2,10 2,11 5,100 1,0 2,2 1,10 3,3 1,0 3,3 8UF1 1,0 1,2 2,2 2,10 2,11 5,100 1,0 2,2 2,11 5,100 1,0 2,2 2,11 5,2 2,2 2,10 2,11 5,100 1,0 2,2 2,11 5,100 1,0 2,2 2,11 5,2 2,2 2,10 2,11 5,2 2,2 2,10 2,11 5,2 2,2 2,10 2,11 5,2 2,2 2,10 2,11 5,2 2,2 2,10 2,11 5,2 2,2 2,10 2,11 5,2 2,2 2,10 2,11 5,2 2,2 2,10 2,11 5,2 2,2 2,10 2,11 5,2 2,2 2,10 2,11 5,2 2,2 2,10 2,11 5,2 2,2 2,10 2,11 5,2 2,2 2,10 2,11 5,2 2,2 2,2 2,2 2,2 2,2 2,2 2,2 2,2 2,2	,*-1 ,LOCOM ,TYPECR ,PUTC-1 ,TYPECN ,PUTA-1 ,5 ,PUTA-1 ,1 ,PUTA-1 ,1 ,PUTA-1 ,TYPEA	,11 ,6	R, 1966	PAGE	16
08006 08018 080018 080030 08042 08078 08102 08114 08126 08138 08150 08162 08174 08186 08198 08210 08222 08174 08257 08257 08257 08257 08257 08257 08257 08261 08261 08261 08281 08281 08281 08281 08281 08281 08289 08291 08293	OP 49 26 33 24 46 31 26 31 49 26 31 49 26 31 26 31 26	P/L 07854 08041 08041 08041 08141 08114 08197 06958 08017 08291 0807 08291 07610 08291 07610 08291 07610 08291 07610 08291 07610 08291 07610 08291 07610 08291 07610 08291 07610 08291 07610 08291 07610 08291 07610 08291 07610 08291 07610 08291 07610 08291 07610 08291 07610 08291 07610 08291 08291 09002	0 00000 08017 00000 02262 01100 08662 08017 00000 08101 08677 00000 08137 00005 08137 00001 08137 08692 00000 08253 08221	PG/LN 08440 08440 08440 08450 08440 08450 08470 08480 08510 08520 08560 08560 08560 08560 08560 08560 08570 08580 08570 08580 08570 08580 08570 08580 08570 08580 08580 08570 08580 08580 08580 08580 08580 08580 08590 08590 08590 08590 08590 08590 08590 08590 08590 08590 08590 08590 08590 08590 08590 08590 08590 08590 08790 08790 08790 08790 088790 088790	PUTCB PUTCB PUTCA PUTTA PUTTA PUTTX PUTXX PUTXY PUTXZ FLGRM TYPET SLNG SSLNG	B TFF CF C BHRTF B FT ATF M TF B T C C C BHRTF B T C C C C C C C C C C C C C C C C C C	PUTXI *+23 *+11 *-1 PUTCA TYPET PUTX-1 PUTX-1 PUTX-1 TYPET PUTCE PUT2 PUT3 PUTA-1 PUT3 PUTA-1 PUTX-1 TYPET OUTSEO TYPET,TYPERM- PUTX-1 1,2 2,2 2,5 5,10 2,11 5,100 1,0 2,2 2,10 2,11 5,0 3,3 3,3 1,0 1,0 1,0 1,0 1,0 1,0 1,0 1,0 1,0 1,0	,*-1 ,LOCOM ,TYPECR ,PUTC-1 ,TYPECN ,PUTA-1 ,5 ,PUTA-1 ,1 ,PUTA-1 ,1 ,PUTA-1 ,TYPEA	,11 ,6	R, 1966	PAGE	16
08006 08018 08030 08042 08054 08066 08078 08102 08114 08150 08112 08174 08186 08186 08198 08210 08222 08257 08257 08257 08266 08257 08266 08276 08276 08284 08299 08291 08299 08291 08299 08305	OP 49 26 33 24 46 31 26 31 49 26 31 49 26 31 26 31 26	P/L 07854 08041 08041 08041 08114 08114 081137 06958 08017 08291 07610 07610 07002 00002 00002 00002 00005 00001 00001 00002 00002 00002 00002 00002	0 00000 08017 00000 02262 01100 08662 08017 00000 08101 08677 00000 08137 00005 08137 00001 08137 08692 00000 08253 08221	PG/LN 08440 08440 08440 08440 08450 08460 08470 08480 08550 08550 08550 08560 08550 08560 08560 08660 08660 08660 08660 08670 08680 08670 08680 08700	PUTCB PUTCA PUTCA PUTTA PUTTX PUTXX PUTXY PUTXZ FLGRM TYPET SLNG NLNG SOLNG	B TFF C C BHRF B TTM B TTF B T C C C BHRF B TTM B TTF B T C C C C C C C C C C C C C C C C C C	PUTXI *+23 *+11 *-1 PUTCA TYPET PUTX-1 PUTX-1 PUTC-1,PUTD-1 TYPET PUT2 PUT3 PUT3 PUT4-1 PUT4-1 PUTX-1 TYPET OUT5EO TYPET,TYPERM PUTX-1,PUTRM-1 PUTX-1 1,2 2,2 2,5 5,10 2,11 5,100 1,a 2,2 PUTXY 1,0 5,0 3,3 8 8 8 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	,*-1 ,LOCOM ,TYPECR ,PUTC-1 ,TYPECN ,PUTA-1 ,5 ,PUTA-1 ,1 ,PUTA-1 ,1 ,PUTA-1 ,TYPEA	,11 ,6	R, 1966	PAGE	16
08006 08018 08003 08042 08054 080678 08078 08102 08114 08150 08162 08174 08186 08198 08257 08257 08257 08261 08266 08266 08276 08276 08276 08284 08276 08284 08290 08291 08299 08299 08299 08299 08299 08299 08299 08299 08299	OP 49 26 33 24 46 31 26 31 49 26 31 49 26 31 26 31 26	P/L 07854 08041 08041 08044 08114 088191 06897 06958 08017 08291 07610 08291 0	0 00000 08017 00000 02262 01100 08662 08017 00000 08101 08677 00000 08137 00005 08137 000061 08137 08692 00000 08253 08221	PG/LN 08400 08410 08420 08440 08450 08460 08470 08480 08510 08520 08560 08560 08560 08560 08560 08560 08570 08580 08640 08670 08670 08670 08770 08780 08770 08770 08780 08770 08780 08770 08780 08770 08780 08780 08790 08700 08700 08700 08700 08700 08700 08780 08700 08800 08800 08860	PUTCB PUTCA PUTCA PUTTA PUTTA PUTTX PUTXX PUTXY PUTXZ FLGRM TYPET SLNG SSLNG SSLNG SSLNG SOLNG SOLNG SOLDG LSTYPE	B TFF C C B H R T F B T A T F B T C B C C C C C C C C C C C C C C C C	PUTXI *+23 *+11 *-1 PUTCA TYPET PUTX-1 PUTX-1 PUTX-1 TYPET PUTCE PUT2 PUTA-1 PUTA-1 PUTA-1 PUTX-1 TYPET OUTSEO TYPET.TYPERM- PUTX-1,PUTRM- PUTX-1 1,2 2,2 2,5 5 2,10 2,11 5,100 1,0 2,2 2,10 2,11 5,00 3,3 8 8 1,0 1,0 1,0 1,0 1,0 1,0 1,0 1,0 1,0 1,0	,*-1 ,LOCOM ,TYPECR ,PUTC-1 ,TYPECN ,PUTA-1 ,5 ,PUTA-1 ,1 ,PUTA-1 ,1 ,PUTA-1 ,TYPEA	,11 ,6	R, 1966	PAGE	16
08006 08018 08030 08042 08054 080678 08090 08102 08113 08138 08150 08120 08174 08188 08198 08210 08222 08174 08255 08257 08261 08261 08261 08282 08275 08261 08288 08275 08261 08289 08290 08308	OP 49 26 33 24 46 31 26 31 49 26 31 49 26 31 26 31 26	P/L 07854 08041 08041 08041 08114 08114 08197 06958 08017 08291 06097 08291 06097 08291 06097 08291 06097 08001 00002	0 00000 08017 00000 02262 01100 08662 08017 00000 08101 08677 00000 08137 00005 08137 000061 08137 08692 00000 08253 08221	PG/LN 08440 08440 08440 08450 08460 08470 08480 08510 08530 08540 08550 08560 08560 08560 08560 08570 08580 08670 08680 08670 08680 08670 08670 08700 08710 08720 08790	PUTCB PUTCA PUTCA PUTTA PUTTA PUTXX PUTXY PUTXZ FLGRM TYPET SLNG SSLNG RLNG SOLNG CODET LSTYPE BAL LNGAD	B TFF C C BHRTF B TTR B TTF B T C C C BHRTF B TTR B TTF B T C C C C C C C C C C C C C C C C C C	PUTXI *+23 *+11 *-1 PUTCA TYPET PUTX-1 PUTX-1 PUTX-1 TYPET PUTCB PUT2 PUTA-1 PUT3 PUTA-1 PUT3 PUTA-1 PUTX-1 TYPET OUTSEO TYPET, TYPERM- PUTX-1, PUTRM- PUTXA 1,2 2,2 2,10 2,11 5,00 3,3 8 8 9 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,	,*-1 ,LOCOM ,TYPECR ,PUTC-1 ,TYPECN ,PUTA-1 ,5 ,PUTA-1 ,1 ,PUTA-1 ,1 ,PUTA-1 ,TYPEA	,11 ,6	R, 1966	PAGE	16
08006 08018 08030 08042 08054 08068 08102 08112 081138 08150 081162 081174 08186 08198 08210 08222 08174 08257 08257 08261 08261 08267 08281 08290 08290 08290 08291 08293 08297 08297 08297 08299 08308	OP 49 26 33 24 46 31 26 31 49 26 31 49 26 31 26 31 26	P/L 07854 08041 08041 08041 08141 08141 08197 06958 08017 08291 06958 07610 08291 07002 00002 00002 00005 00001 00002 00002 00002 00002 00005 00001 00005 00001	0 00000 08017 00000 02262 01100 08662 08017 00000 08101 08677 00000 08137 00005 08137 000061 08137 08692 00000 08253 08221	PG/LN 08400 08440 08440 08450 08460 08470 08480 08490 08510 08530 08530 08540 08530 08560 08580 08580 08660 08670 08680 08670 08680 08670 08700 08700 08710 08720 08740 08770 08780 08790 08700 08790 08700 08790 08700	PUTCB PUTCA PUTCA PUTRM TYPERM PUTXX PUTXY PUTXZ FLGRM TYPET SLNG RLNG CODET LSTYPE BAL LNGAD NEXT	B TFF C C BHRTF B TAM	PUTXI *+23 *+11 PUTCA TYPET PUTX-1 PUTX-1 PUTX-1 PUTXB PUTCB PUT2 PUTA-1 PUTA-1 PUTA-1 PUTA-1 PUTX-1 TYPET OUTSEO TYPET, TYPERM PUTX-1, PUTRM-1 PUTX-1 1,2 2,2 2,5 5,100 2,11 5,100 1,30 2,2 2,10 2,11 1,31 1,31 1,31 1,31 1,31 1,31 1,31	,*-1 ,LOCOM ,TYPECR ,PUTC-1 ,TYPECN ,PUTA-1 ,5 ,PUTA-1 ,1 ,PUTA-1 ,1 ,PUTA-1 ,TYPEA	,11 ,6	R, 1966	PAGE	16
08006 08018 08030 08042 08054 080678 08090 08102 08114 08126 08138 08150 08162 08178 08257 08257 08257 08257 08257 08257 08258 08277 08261 08281 08281 08281 08297 08261 08281 08293 08255 08275 08255 08275 08255 08275 08255	OP 49 26 33 24 46 31 26 31 49 26 31 49 26 31 26 31 26	P/L 07854 08041 08041 08041 08141 08141 08197 06958 08017 08291 07610 08291 07610 08291 07610 08291 07610 08029 00002 00002 00002 00002 00002 00005 00001 00002 00002 00005 00001 00005 00001 00005 00001 00005 00001 00005 00005 00005	0 00000 08017 00000 02262 01100 08662 08017 00000 08101 08677 00000 08137 00005 08137 000061 08137 08692 00000 08253 08221	PG/LN 08440 08440 08440 08450 08460 08470 08480 08480 08510 08550 08580 08550 08580 08580 08580 08580 08570 08580 08610 08670 08680 08670 08680 08670 08700 08710 08720 08740 08770 08780 08790 08740 08770 08780 08790 08740 08790 08700	PUTCB PUTCB PUTCA PUTTA PUTRM TYPERM PUTXX PUTXY PUTXZ FLGRM TYPET SLNG SSLNG NLNG CODET LSTYPE BAL LNGAD NEXT BUF1	B TFF C C BHRTF B TAM	PUTXI *+23 *+11 *+23 *+11 PUTCA *TYPET PUTXA-1 PUTCA-1 PUTCB PUTCC	,*-1 ,LOCOM ,TYPECR ,PUTC-1 ,TYPECN ,PUTA-1 ,5 ,PUTA-1 ,1 ,PUTA-1 ,1 ,PUTA-1 ,TYPEA	,11 ,6	R, 1966	PAGE	16
08006 080018 080030 080042 080054 080078 080078 08102 08114 08118 08119 08118 08210 08125 0825 0825 0825 0825 0825 0825 0825 08	OP 49 26 33 24 46 31 26 31 49 26 31 49 26 31 26 31 26	P/L 07854 08041 08041 08041 08141 08141 08141 08197 06958 08061 08137 08646 08137 08697 06958 00001 00002 00002 00002 00002 00005 00001 00001 00001 00001 00002 00002 00005 00001 00005 00001 00005 00001 00005 00001 00005 00005 00005 00005	0 00000 08017 00000 02262 01100 08662 08017 00000 08101 08677 00000 08137 00005 08137 000061 08137 08692 00000 08253 08221	PG/LN 08440 08440 08440 08450 08460 08470 08480 08480 08550 08550 08550 08560 08550 08560 08560 08570 08660 08660 08670 08660 08670 08700	PUTCB PUTCB PUTCA PUTA PUTRM TYPERM PUTXX PUTXY PUTXY FLGRM TYPET SLNG SSLNG SSLNG SSLNG SSLNG LNGAD NLNG TOBET LSTYPE BAL LNGAD NEXT BUF1 BUF2	B TFF C C BHRTF B TTF B T C C C BHRTF B T T B T C C C C C C C C C C C C C C C	PUTXI *+23 *+11 PUTCA *+17 PUTCA TYPET PUTXA PUTC-1,PUTD-1 TYPET PUTZA PUTC-1,PUTD-1 TYPET PUTA-1 PUTA-1 PUTA-1 PUTX-1 TYPET OUTSEO TYPET,TYPERM PUTX-1 1,2 2,2 2,10 2,11 5,100 1,a 2,2 PUTXY 1,a 3,3 BUF1 1,a 1 5,0 5,0 5,0 5,0 5,0 5,0 5,0 5,0 5,0 5,0	,*-1 ,LOCOM ,TYPECR ,PUTC-1 ,TYPECN ,PUTA-1 ,5 ,PUTA-1 ,1 ,PUTA-1 ,1 ,PUTA-1 ,TYPEA	,11 ,6	R, 1966	PAGE	16
08006 08018 08030 08042 08054 080678 08090 08102 08113 08126 08138 08150 08126 08138 08210 08225 08257 08267 08268 08275 08267 08268 08275 08275 08268 08275 08269 08269 08269 08275 08269 08269 08275 08275 08269 08275 08269 08275 0	OP 49 26 33 24 46 31 26 31 49 26 31 49 26 31 26 31 26	P/L 07854 08041 08041 08041 08144 08114 08197 06958 08017 08291 06087 08646 08137 08646 08137 06958 00001 00002	0 00000 08017 00000 02262 01100 08662 08017 00000 08101 08677 00000 08137 00005 08137 000061 08137 08692 00000 08253 08221	PG/LN 08440 08440 08440 08450 08440 08450 08480 08490 08550 08560 08580 08690 08700 08710 08720 08730 08740 08750 08780 08780 08790 08790 08790 08790 08790 08890	PUTCB PUTCB PUTCA PUTTA PUTRM TYPERM PUTXX PUTXY PUTXZ FLGRM TYPET SLNG SSLNG SSL	B TFF C C BHRTF B TTF B	PUTXI *+23 *+11 *+12 *+17 PUTCA TYPET PUTX-1	,*-1 ,LOCOM ,TYPECR ,PUTC-1 ,TYPECN ,PUTA-1 ,5 ,PUTA-1 ,1 ,PUTA-1 ,1 ,PUTA-1 ,TYPEA	,11 ,6	R, 1966	PAGE	16

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LOCTN	OP	P/L	Q	PG/LN	LABEL	MNEM	OPERANDS AND	REMARKS			•	
08631		00005	0 8326	08970	PREBUF		BUF1					
08636 08641		00005		08980 08990	PUT1 PUT2	DS DS	5					
08646 08647 08649		00005 00001 00002		09000 09010	PUT3 TYPEX	DS DSC	5 1,1					
08651		00002		09020		DC DC	2,12					
08653 08655 08660		00002		09040 09050		DC DC	2,20					
0866 <u>1</u> 08662		00005 00001 00001		09060	TVDECO	DC DC	5,1 1,a					
08664		00002		09080	TYPECR	DC	1,3					
08666 08668		00002		09100 09110		DC DC	2,8					
08670 08675 08676		00002 00005 00001		09120		DC DC	2,14 5,10					
08677 08679		00001	4	09140 09150 09160	TYPECN	DC DSC DC	1,a 1,2 2,5					
08681 08683		00002		09170 09180		DC DC	2,8 2,13					
08685 08690		00002 00005		09190 09200		DC DC	2,14 5,100					
08691 08692		00001 00001		09210 09220	TYPEA	DC DSC	1,0					
08694 08696		00002 00002		09230 09240		DC DC	2,5					
08698 08700		00002 00002		09250 09260		DC ·	2,13 2,14					
08705 08706		00005 00001		09270 09280		DC DC	5,1000 1,0					
08711 08712	26	00005 08846	0871 1	09290 09300	CANDS	DS TF	5 CANDSA	,*-1	,11			
08724 08740	17	05510 00005	0 8740 0 9485	09310 09320		BTM DSA	RMNS I,DX	, *+16				
08745 08746	17	00005 05510	0 8987 0 8762	09330		втм	RMNS	, *+16				
08762 08767		00005 00005	0 9485 0 8991	09340		DSA	I,DY					
08768 08780	33 32	08988 08987	00000 000 0 0	09350 09360		C F S F	DY-3 DX	,	,10			
08792 08804	25 14	08791 08791	08984 000 09	09370 09380		TD CM	*-1 *-13	,DX-3 ,9	,1011			
08816 08828	47 32	08840 08991	01200 00000	09390 09400		BNE SF	*+24 DY					
08840 08846	26	00000	08991	09410	CANDSA		SANDS 1	,DY ,*-5	10			
08852 08864 08880	11 17	08711 05510 00005	00005 08880 09485	09440		AM BTM	CANDS-1 RMNS	,5 ,*+16	, 10			
08885 08886	14	00005	0 8987 0 0 104	09450		DSA CM	I,DX DX	,104	0			
08898 08910	47 11	08930 08711	01200 000 0 1	09470 09480	CANDRT	BNE	*+32 CANDS-1	,1	,8 ,10			
08922 08930	49	0871 1	00000	09490 09500	OANDIKI	B DORG	CANDS-1	*	,6			108
** * **	0P	SECOND P/L	PASS FORTRAN	II PG/LN	LABEL	MNEM	OPERÂNDS AND F	EMARKS	NOVEMBER,	1966	PAGE	18
LOCTN 08930 08946		P/L 04276 00005	Q 0 8946 0 8987		LABEL	MNEM BTM DSA	OPERANDS AND F	EEMARKS	NOVEMBER,	1966	PAGE	18
LOCTN 08930 08946 08951 08952	OP 17	P/L 04276 00005 00005 08970	Q 0 8946 0 8987 0 8987 0871 1	PG/LN 09510 09520 09530	LABEL	BTM DSA TF	SRFCT	,*+16	NOVEMBER,	1966	PAGE	18
LOCTN 08930 08946 08951 08952 08964 08976	0P 17	P/L 04276 00005 00005 08970 00000 08910	Q 0 8946 0 8987 0 8987	PG/LN 09510 09520 09530 09540 09550		BTM DSA TF TF B	SRFCT DX,DX *+18 CANDRT	,*+16		1966	PAGE	18
LOCTN 08930 08946 08951 08952 08964 08976 08987	0P 17 26 26	P/L 04276 00005 00005 08970 00000 08910 00000 00004	Q 08946 08987 08987 0871 1 08987	PG/LN 09510 09520 09530 09540 09550 09560 09570	DX DY	BTM DSA TF TF B DS	SRFCT DX,DX *+18 CANDRT ,*	,*+16 ,CANDS-1,DX	,11	1966	PAGE	18
LOCTN 08930 08946 08951 08952 08964 08976 08987	0P 17 26 26	P/L 04276 00005 00005 08970 00000 08910 00000	Q 08946 08987 08987 0871 1 08987	PG/LN 09510 09520 09530 09540 09550 09560	מע -	BTM DSA TF TF B DS	SRFCT DX,DX *+18 CANDRT	,*+16		1966	PAGE	18
LOCTN 08930 08946 08951 08952 08964 08976 08987 08991 08998 09010 09022	OP 17 26 26 49 38 25 25 25	P/L 04276 00005 00005 08970 00000 08910 000004 00005 09084 09105 09107	Q 98946 98987 98987 08714 08967 00000 00000	PG/LN 09510 09520 09530 09540 09550 09560 09570 09580 09590 09600 09610 09620	DX - DY	BTM DSA TF TF B DS DS DC WN TD TD	SRFCT DX,DX *+18 CANDRT ,* 4 5 LSTN EM1+14,SCNT-3 EM1+16,SCNT-2 EM1+18,SCNT-1	,*+16 ,CANDS-1,DX	,11	1966	PAGE	18
LOCTN 08930 08946 08951 08952 08967 08976 08987 08998 09010 09022 09034 09046	OP 17 26 26 49 38 25 25 25 25 25 39	P/L 04276 00005 00005 08970 00000 00000 00000 00000 00004 00005 09084 09105 09107 09107 09101 09091	0 08946 08987 08987 0871± 08987 00000 00901 09608 09609 09610 09611 00901	PG/LN 09510 09520 09530 09540 09550 09570 09580 09590 09600 09610 09620 09630 09640	DX - DY	BTM DSA TF TF B DS DC WN TD TD TD	SRFCT DX,DX *+18 CANDRT ,* 4 5 LSTN EM1+14,SCNT-2 EM1+16,SCNT-2 EM1+18,SCNT-1 EM1+20,SCNT	,*+16 ,CANDS-1 ,DX ,0 ,901	,11	1966	PAGE	18
LOCTN 08930 08946 08951 08952 08964 08987 08991 08998 09010 09022 09034 09046 09058	OP 17 26 26 49 38 25 25 25 25	P/L 04276 00005 00005 08970 00000 00000 00004 00005 09107 09107 09109 09111 09091 09091	Q 98946 98987 98714 08987 00000 00901 09608 09609 09610 09611	PG/LN 09510 09520 09530 09540 09550 09560 09570 09580 09610 09620 09630 09640 09650	DX - DY ERRT	BTM DSA TF TF B OS DS DC WN TD TD TD TD TD TD	SRFCT DX,DX *+18 CANDRT ,* 4 5 LSTN EM1+14,SCNT-3 EM1+16,SCNT-2 EM1+18,SCNT-1 EM1+20,SCNT	,*+16 ,CANDS-1,DX ,0 ,901 ,901	,11 , , , , , ,	1966	PAGE	18
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08930 08946 08951 08952 08964 08976 08987 08991 08998 09010 09022 09034 09070 09082 09084 09088 09088	OP 17 26 26 49 38 25 25 25 25 25 39	P/L 04276 00005 00005 00005 00000 00000 00000 00004 00005 09107 09109 09111 00099 00000 000001	Q 98946 98987 98987 08711 08987 00000 00901 09608 09609 09611 00901 00901 00900	PG/LN 09510 09520 09530 09540 09550 09570 09580 09570 09600 09610 09620 09630 09640 09650 09660 09660 09670	DX - DY ERRT	BTM DSA TF TF BOS DC WN TD TD TD TD TD TD TD TD TD TD TD TD TD	SRFCT DX,DX *+18 CANDRT ,* 4 5 LSTN EM1+14,SCNT-3 EM1+16,SCNT-1 EM1+20,SCNT EM1+20,SCNT EM1 ERRT-1 LSTN+4 1,0 1,0 1,0 1,0 1,0 1,777	,*+16 ,CANDS-1 ,DX ,0 ,901 ,900 ,*-9	,11 , , ,	1966	PAGE	18
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08930 08946 08951 08952 08964 08976 08986 08986 08998 09010 09022 09034 09080 09070 09082 09081 09115 09116 09122 09124 09129 09124 09129 09137 09146 09147 09147 09148 09153 09164 09163 09164 09171 09177 09177 09177 09185	OP 17 26 26 49 38 25 25 25 25 25 39	P/L 04276 00005 00005 08970 00000 08910 00005 09084 09105 09107 09109 09111 09001 00001	Q 08946 08987 08711 08987 00000 00901 09608 09609 096110 00901 00900 00000 X2 X2 X2 09124 10000	96/LN 09510 09520 09530 09540 09550 09560 09560 09570 09680 09640 09640 09670 09680 09710 09720 09730 09770 09780 09780 09780 09780 09780 09810 09820 09830 09840 09850 09860 09870 09880	DX DY ERRT LSTN EM1 BLK1 BLK1A BLK2 BLK2A	BTM DSA TF TF B DS DC WN TD TD TD TD TD TD TD TD DS DC DSC DS	SRFCT DX,DX *+18 CANDRT ,* 4 5 LSTN EM1+14,SCNT-3 EM1+16,SCNT-1 EM1+20,SCNT EM1+20,SCNT EM1+20,SCNT EM1+20,SCNT EM1 1,0 1,0 1,0 5,17876 3,41 CODE1-2 1,0 1,0 5,17936 3,60 CODF1-2 1,0 1,0 5,17936 3,60 CODF1-2 1,0 1,0 5,17936 3,60 CODF1-2 1,0 5,18000 3,41	,*+16 ,CANDS-1 ,DX ,0 ,901 ,900 ,*-9	,11 , , ,	1966	PAGE	18
08930 08946 08951 08952 08964 08967 08996 08998 09010 09022 09034 09088 09070 09082 09091 09115 09116 09122 09133 09124 09137 09188 09199	OP 17 26 26 49 38 25 25 25 25 25 39	P/L 04276 00005 00005 08970 00000 08910 00005 09107 09109 09111 09091 00001 00002 00005 00001	Q	96/LN 9510 9520 9530 9540 99540 99560 99560 99560 99560 99610 99620 99630 99640 09670 99670 99710	DX DY ERRT LSTN EM1 BLK1 BLK1A BLK2 BLK2A BLK3A	BTM DSA TF TF B DS DC WN TD TD TD WA WA BB DS GDC DC DSC DSC DC DC DC DSC DC DC DC DSC DC	SRFCT DX,DX *+18 CANDRT ,* 4 5 LSTN EM1+14,SCNT-3 EM1+16,SCNT-2 EM1+18,SCNT-1 EM1+20,SCNT EM1 ERRT-1 LSTN+4 1,0 1,0 1,0 1,0 1,0 1,0 1,0 1,0 1,0 1,0	,*+16 ,CANDS-1 ,DX ,0 ,901 ,900 ,*-9	,11 , , ,	1966	PAGE	18
08930 08946 08951 08952 08964 08967 08986 08987 08998 09010 09022 09034 09088 09091 09115 09115 09122 09123 09124 09123 09124 09125 09126 09136 09146 09153 09162 09162 09162 09170 09171 09171 09162	OP 17 26 26 49 38 25 25 25 25 25 39	P/L 04276 00005 00005 08970 00000 08910 00004 00005 09107 09109 09111 09091 00001 00002 00005 00001	Q	96/LN 09510 09520 09530 09540 09550 09560 09560 09570 09660 09670 09680 09710 09770 09780 09770 09780 09770 09780 09770 09810 09770 09880 09800 09970 09800 09970 09800 09970 09800 09970 09800 09970 09800 09970 09800 09970 09800 09970 09800 09970 09800 09970 09800 09870 09860 09870 09860 09870 09980 09990 09900 09900 09900 09900	DX DY ERRT LSTN EM1 BLK1 BLK1A BLK2 BLK2A	BTM DSA TF TF B BS DC WN TDD TDD SC DSC DC DC DSA DC DSC DC	SRFCT DX,DX *+18 CANDRT ,* 4 5 LSTN EM1+14,SCNT-3 EM1+16,SCNT-2 EM1+20,SCNT EM1+20,SCNT EM1 1,0 1,0 1,0 1,0 1,0 1,17876 3,41 CODE1-2 1,0 1,0 5,17936 3,60 CODE1-2 1,0 1,0 5,17936 3,60 CODE1-2 1,0 1,0 5,17936 3,60 CODE1-2 1,0 1,0 1,0 5,17936 3,60 CODE1-2 1,0 1,0 1,0 1,0 1,0 1,0 1,0 1,0 1,0 1,0	,*+16 ,CANDS-1 ,DX ,0 ,901 ,900 ,*-9	,11 , , ,	1966	PAGE	18
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08930 08946 08951 08952 08964 089767 08986 08987 08998 09010 09022 09034 09088 09088 09088 09088 09089 09115 09124 09129 09137 09140 09140 09140 09140 09140 09140 09140 09140 09140 09140 09140 09140 09141 09140 0	OP 17 26 26 49 38 25 25 25 25 25 39	P/L 04276 00005 00005 08970 00000 08910 00001 09107 09107 09107 09000 00001 00001 00001 00001 00001 00005 00001 00001 00005 00001 00001 00005 00001 00005 00001 00005 00001 00005 00001 00005 00001 00005 00001 00005 00001	Q	96/LN 9510 9510 9530 95540 95540 95560 95560 95570 9560 95610 96610 96610 96610 96610 96610 97610 9770 9780 9770 9780 9770 9780 9780 9770 9780 978	DX DY ERRT LSTN EM1 BLK1 BLK1A BLK2 BLK2A BLK3A	BTM DSA TF TF B DS DC DS DC DS DC DSC DC	SRFCT DX,DX *+18 CANDRT ,* 4 5 LSTN EM1+14,SCNT-3 EM1+16,SCNT-1 EM1+20,SCNT EM1+20,SCNT EM1 ERRT-1 LSTN+4 1,a 12, + 7777 1 2,22 BLK1A 1,a 1,0 5,17876 3,41 1,0 2,22 BLK2A 1,a 1,0 3,41 CODE1-2 1,a 1,0 1,0 3,41 CODE1-2 1,a 1,0 2,22 BLK4A 1,a 1,0 3,41 CODE1-2 1,a 1,0 1,0 3,41 CODE1-2 1,a 1,0 1,0 2,22 BLK4A 1,a 1,0 1,0 3,41 1,0 1,0 2,22 BLK4A 1,a 1,0 1,0 1,0 1,0 1,0 1,0 1,0 1,0 1,0 1,0	,*+16 ,CANDS-1 ,DX ,0 ,901 ,900 ,*-9	,11 , , ,	1966		18

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SECOND PASS FORTRAN II
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                                                                                                                                                       NOVEMBER, 1966
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SUBSW DS
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                  SECOND PASS FORTRAN II
                                                                                                                                                       NOVEMBER, 1966
                                                                                                                                                                                               PAGE 20
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                    SECOND PASS FORTRAN II
                                                                                                                                                            NOVEMBER, 1966
                                                                                                                                                                                                     PAGE
                                                                                    MNEM OPERANDS AND REMARKS
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SECOND PASS FORTRAN II
                                                                                                                            NOVEMBER, 1966
                                                                                                                                                            PAGE
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               SECOND PASS FORTRAM II
                                                                                                                           NOVEMBER, 1966
                                                                                                                                                            PAGE 24
                 P/L
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NOVEMBER . 1966
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                     SECOND PASS FORTRAN :
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                     SECOND PASS FORTRAN II
                                                                                                                                                                           NOVEMBER, 1966
                                                                                                                                                                                                                         PAGE
                                                                                            MNEM OPERANDS AND REMARKS
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TFM TMAX, 0,9
B CLEAR
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                                                                13980
13990
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GTNS ,*+16
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BTM
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17
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03786
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12690
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****		SECOND	PASS FORTRAN	11					N	OVEMBER, 1966	PAGE	27
LOCTN	OP	P/L	Q	PG/I N	LABEL	MNFM	OPERANDS	AND REMARKS				
		.,,	•		CAUCE							
12698 12698	14	02399	00154	14470 14480	C OD E 3B	DORG CM	*-3 SL,	154,8,ARITH ST	TATEMENT CA	LL		
12710 12722	46 14	12846 02399	01200 0 0 153	14490 14500		BE CM	CODE3C SL,	153,8,FUNCTION	1 CALI			
12734	46	12846	01200	14510		BE	CODE3C		VCALL			
12746 12758	14 46	02399 10098	0 0 107 01200	14520 14530	N60023	CM BE	SL, CODE7	107,8,15				•
12770	17	05510	±2786	14540		BTM	RMNS	, *+16				
12786 12791		00005 00005	0 9485 0 2372	14550 14560		DSA DSA	I SR					
12792 12804	11 17	09485 05510	000 0 1 1 2820	14570 14580		AM B T M	I RMNS	,1	,10			
12820	1,	00005	0 9485	14590		DSA	I	,*+16				
12825 12826	12	00005 09485	02372 000 0 1	14600 14610		DSA SM	SR I	1	10			
12838	49	03206	00000	14620		В	EXIT	, 1	,10			
12846				14630 14640	*	DORG		EMENT CALL OR F	HINCTIÓN CA			
12846	12	09485	00002	14650	CODE3C	SM	I	, 2	,10	LE OFERATOR		
12858 12874	17	05510 00005	12874 09485	14660 14670	CODESY	BTM DSA	RMNS I	, *+16				
12879		00005	0 2399	14680		DSA	SL					
12880 12896	17	05510 00005	12896 09485	14690 14700		BTM DSA	RMNS I	, *+16				
12901	17	00005	0 9505	14710		DSA	LV					
12902 12918	17	05510 00005	12918 09485	14720 14730		BTM DSA	RMNS I	,*+16				
12923 12924	44	00005 12948	02372	14740		DSA	SR	5611				
12936	17	05830	09314 1 2948	14750 14760		BNF BTM	N60026 GNRP	,FSW ,*+12				
12948 12960	14 46	09505 12984	0 0 154 01200	14770 14780	N60026	CM BE	LV, N60027	154,8,ARITH ST	TATEMENT CA	LL		
12972	15	07344	00001	14790		TDM	SS3	,1				
12984 12996	16 17	07343 04276	000 1 1 1 3012	14800 14810	N60027	BTM	SS2 SRFCT	,11 ,*+16	,10			
13012 13017		00005 00005	0 2399 0 3781	14820		DSA	SL					
13018	26	03791	06843	14830 14840		DSA TF	N40001 N40003	, ADCOW				
13030 13042	11 25	03791 05095	000±1 04673	14850 14860		AM TD	N40003 FLAGSW	,11 ,FXORFL	,10			
13054	17	06898	±3070	14870		BTM	PUTX	,*+16				
13070 13075		00005 00005	0 6846 0 3781	14880 14890		DSA DSA	BTM N40001					
13080		00005	0 3791	14900		DSA	N40003					
13082 13094	43 15	13334 09597	05055 00000	14910 14920	CODE3D	BD TDM	CODE3Z FPSW	, CALLX				
13106 13122	17	05510	1 3122	14930		BTM	RMNS	, *+16				
13127		00005 00005	0 9485 0 2399	14940 14950		DSA DSA	I SL					
13128 13144	17	05540 00005	1 3144 0 9485	14960 14970		BTM DSA	GTNS	,*+16				
13149		00005	0 2372	14980		DSA	I SR					
13150 13166	17	04276 00005	13166 02399	14990 15000		BTM DSA	SRFCT SL	, *+16				
13171		00005	0 2399	15010		DSA	SL					
13172	44	13196	09597	15020				,FPSW				
13184	32	02399	00000	15030		BNF SF	*+24 SL	, FF3W				118
****		02399	OOOOO PASS FORTRAN Q	15030	LABEL	SF	SL	AND REMARKS	N	UVEMBER, 1966	PAGE	<i>118</i> 28
**** LOCTN 13196		02399 SECOND P/L 08018	PASS FORTRAN Q +3212	15030	LABEL	SF	SL		N	ÚVEMBER, 1966	PAGE	
***** LOCTN 13196 13212	ОР 17	02399 SECUND P/L 08018 00005	PASS FORTRAN Q +3212 +02399	15030 II PG/LN 15040 15050		MNEM BTM DSA	OPERANDS PUTC SL	AND REMARKS		JVEMBER, 1966	PAGE	
***** LOCTN 13196 13212 13214 13226	OP 17 14 46	02399 SECOND P/L 08018 00005 02372 13268	PASS FORTRAN Q +3212 +2399 00104 01200	15030 II PG/LN 15040 15050 15060 15070	LABEL CODE3E	MNEM BTM DSA CM BE	OPERANDS PUTC SL SR, N60032	AND REMARKS ,*+16 104,8,RIGHT PA		JVEMBER, 1966	PAGF	
***** LOCTN 13196 13212 13214	ОР 17 14	02399 SECUND P/L 08018 00005 02372	PASS FORTRAN Q +3212 62399 00104	15030 II PG/LN 15040 15060 15060 15070 15080		MNEM BTM DSA CM	OPERANDS PUTC SL SR,	AND REMARKS		JVEMBER, 1966	PAGF	
****** LOCTN 13196 13212 13214 13226 13238 13254 13259	OP 17 14 46 17	02399 SECUND P/L 08018 00005 02372 13268 05510 00005	PASS FORTRAN Q +3212 02399 00104 01200 +3254 09485 92372	II PG/LN 15040 15050 15060 15070 15080 15090 15100		MNEM BTM DSA CM BE BTM DSA DSA	OPERANDS PUTC SL SR, N60032 RMNS I SR	AND REMARKS ,*+16 104,8,RIGHT PA		JVEMBER, 1966 ∴	PAGF	
***** LOCTN 13196 13212 13214 13226 13238 13254 13259 13260 13268	OP 17 14 46 17	02399 SECUND P/L 08018 00005 02372 13268 05510 00005 13094	PASS FORTRAN Q +3212 62399 00104 01200 13254 69485 62372 00000	II PG/LN 15040 15050 15060 15070 15080 15100 15110 15120	CODE3E	MNEM BTM DSA CM BE BTM DSA DSA DORG	OPERANDS PUTC SL SR, N60032 RMNS I SR CODE3D *-3	AND REMARKS ,*+16 104,8,RIGHT PA ,*+16		JVEMBER, 1966	PAGF	
****** LOCTN 13196 13212 13214 13226 13238 13254 13259 13260 13268 13268	OP 17 14 46 17	02399 SECUND P/L 08018 00005 02372 13268 05510 00005 00005 13094 03842	PASS FORTRAN Q 13212 02399 00104 01200 13254 09485 02372 00000 06843	II PG/LN 15040 15050 15070 15080 15100 15110 15120 15120	CODE3E	MNEM BTM DSA CM BETM DSA OSA BORG BTM	OPERANDS PUTC SL SR, N60032 RMNS I SR CODE3D *-3	AND REMARKS ,*+16 104,8,RIGHT PA ,*+16		JVEMBER, 1966	PAGE	
***** LOCTN 13196 13212 13214 13238 13254 13259 13260 13268 13268 13280 13290	OP 17 14 46 17	02399 SECUND P/L 08018 00005 02372 13268 05510 00005 13094 03842 13354 05570	PASS FORTRAN Q 13212 62399 00104 01200 13254 69485 62372 00000 66843 09320 13308	II PG/LN 15040 15050 15060 15070 15100 15110 15120 15130 15140 15150	CODE3E	MNEM BTM DSA CM BETM DSA DORG BTM BD	OPERANDS PUTC SL SR, N60032 RMNS I SR CDDE3D *-3 ADJUST CET RPNS	AND REMARKS ,*+16 104,8,RIGHT PA ,*+16		UVEMBER, 1966	PAGE	
***** LOCTN 13196 13212 13214 13226 13238 13259 13260 13268 13268 13268 13283 13292 13308	OP 17 14 46 17 49 17 43 17	02399 SECUND P/L 08018 00005 02372 13268 05510 00005 13094 03842 133544 05570 00005	PASS FORTRAN Q 43212 62399 06104 01200 13254 69485 62372 00000 66843 09320 43308 69485 69469	II PG/LN 15040 15050 15060 15070 15100 151100 15120 15130 15140 15150 15160	CODE3E	MNEM BTM DSA BE BTM DSA BORM BDM BDM BDM BDM BDM BDM	OPERANDS PUTC SL SR, N60032 RMNS I SR CODE3D *-3 ADJUST CET RPNS I FAC	AND REMARKS ,*+16 104,8,RIGHT PA ,*+16 ,ADCOM ,CALLSW ,*+16	ARÉN	UVEMBER, 1966	PAGE	
****** LOCTN 13196 13212 13214 13226 13228 13259 13260 13268 13268 13268 13280 13293 13308 13313	OP 17 14 46 17 49 17 43 17	02399 SECUND P/L 08018 80005 02372 13268 05510 00005 13094 03842 13354 05570 00005 00005 00005	PASS FORTRAN Q 13212 62399 00104 01200 13254 94485 02372 00000 06643 09320 13308 99465 09001	II PG/LN 15040 15050 15060 15070 15110 15120 15110 15130 15140 15150 15170 15170	CODE3E	MNEM BTM DSA CM BBTM DSA DORG BTM BD BTM DSA TDM	OPERANDS PUTC SL SR, N60032 RMNS I SR CODE3D *-3 ADJUST CET RPNS I FAC FSW	AND REMARKS ,*+16 104,8,RIGHT PA ,*+16		OVEMBER, 1966	PAGE	
****** LOCTN 13196 13212 13214 13226 13238 13254 13259 13260 13268 13268 13268 13280 13292 13308 13313 13314 13326	0P 17 14 46 17 49 17 43 17	02399 SECUND P/L 08018 800005 02372 13268 05510 00005 13094 03842 13354 05570 00005 00005 00005 00005	PASS FORTRAN Q 13212 62399 00104 01200 13254 69485 02372 00000 66843 09320 13308 69485 69485 00000	II PG/LN 15040 15050 15060 15070 15100 15110 15120 15140 15150 15160 15170 15180 15190	N60032 CODE3X	SF MNEM BTM DSA CM BETM DSA DORG BTM BD BTM DSA TDM BD BORG	OPERANDS PUTC SL SR, N60032 RMNS I SR CODE3D #-3 ADJUST CET RPNS I FAC FSW EXIT #-3	AND REMARKS ,**+16 104,8,RIGHT PA ,*+16 ,ADCOW ,CALLSW ,*+16	ARÉN	UVEMBER, 1966	PAGE	
****** LOCTN 13196 13214 13226 13214 13225 13268 13268 13280 13280 13292 13308 13314 13334 13334	OP 17 14 46 17 49 17 43 17	02399 SECUND P/L 08018 80005 02372 13268 05510 00005 13094 03842 13354 05570 00005 00005 00005	PASS FORTRAN Q 13212 62399 00104 01200 13254 94485 02372 00000 06643 09320 13308 99465 09001	II PG/LN 15040 15050 15060 15070 15100 15110 15120 15130 15140 15150 15160 15170 15180 15200 15200 15210	CODE3E	MNEM BTM DSA CM BETM DSA DORG BTM DSA DORG BTD BTM DSA TDM BD DORG TDM BD DORG TDM	OPERANDS PUTC SL SR, N60032 RMNS I SR CDDE3D *-3 ADJUST CET RPNS I FAC FSW EXIT *-3 CALLX CLEAR	AND REMARKS ,*+16 104,8,RIGHT PA ,*+16 ,ADCOM ,CALLSW ,*+16	ARÉN	OVEMBER, 1966	PAGE	
****** LOCTN 13196 13212 13214 13226 13238 13259 13268 13268 13280 13292 13292 13313 13314 13334 13334	OP 17 14 46 17 49 17 43 17	02399 SECUND P/L 08018 00005 02372 13268 055510 00005 13094 03842 05570 00005 00005 00005 00005 00005 00005	PASS FORTRAN Q +3212 62399 00104 01200 +3254 99485 62372 00000 66843 09320 +3308 69485 69469 00000 00000	II PG/LN 15050 15060 15070 15080 15100 15110 15120 15130 15150 15140 15150 15160 15170 15180 15180 15180 15180 15200 15220 15220	N60032 CODE3X	MNEM BTM DSA CM BE BTM DSA DDRG BTM BBTM DSA DDSA DDA DDSA DDSA DDSA DDSA DDSA	OPERANDS PUTC SL SR, N60032 RMNS I SR CODE3D *-3 ADJUST CET RPNS I FAC FSW EXIIT *-3 CALLX CLEAR *-3	AND REMARKS ,*+16 104,8,RIGHT PA ,*+16 ,ADCOW ,CALLSW ,*+16 ,1	ARÉN	OVEMBER, 1966	PAGE	
****** LOCTN 13196 13212 13214 13226 13254 13259 13268 13268 13280 13292 13308 13313 13326 13334 13334 133354 13354 13354	OP 17 14 46 17 49 17 43 17 15 49 15 49 26	02399 P/L 08018 00005 02372 13268 050510 00005 13094 033842 035570 00005 00005 00005 00005 00005 00005 00005 00005 00005 00005 00005 00005 00005 00005 00005 00005 00005	PASS FORTRAN Q ±3212 62399 004104 01200 ±3254 99485 90372 00000 66843 09320 ±3308 69485 99469 00000 00000 00000 00000	II PG/LN 15040 15050 15060 15060 15070 15100 15110 15110 15120 15130 15140 15150 15160 15170 15180 15180 15180 15180 15180 15180 15180 1520 1520 15220 15220 15220 15240 15250	N60032 CODE3X	MNEM BTM DSA BEM DSA DSA B DORG BTM DSA TDM B DORG TDM B DORG TDM	OPERANDS PUTC SL SR, N60032 RMNS I SR CODE3D *-3 ADJUST CET RPNS I FAC FSW EXIT *-3 CALLX CLEAR *-3 N40001	AND REMARKS ,*+16 104,8,RIGHT PA ,*+16 ,ADCOW ,CALLSW ,*+16 ,1 ,0	ARÉN	OVEMBER, 1966	PAGE	
****** LOCTN 13196 13212 13214 13226 13238 13254 13259 13260 13268 13280 13292 13308 13311 13314 13326 13334 13334 13334 13334 133354 13354 13354 13354 13354	OP 17 14 46 17 49 17 43 17 15 49 15 49 26	02399 SECUND P/L 08018 00005 02372 13268 05510 00005 13094 03842 13354 05570 00005 09314 03206 05055 02628 03781 03781 05540 00005	PASS FORTRAN Q 13212 02399 00104 01200 13254 09485 02372 00000 066843 09320 13308 09485 09469 00001 00000 00000	II PG/LN 15050 15060 15070 15080 15190 15110 15120 15130 15140 15150 15160 15160 15200 15220 15230 15230	N60032 CODE3X	MNEM BTM DSA DSA DSA DSA BED BTM DSA DSA DSA DSA DSA DSA DSA DSA DSA DSA	OPERANDS PUTC SL SR, N60032 RMNS I SR CODE3D *-3 ADJUST CET RPNS I FAC FSW EXIT *-3 CALLX CALLX CLEAR *-3 N40001	AND REMARKS ,*+16 104,8,RIGHT PA ,*+16 ,ADCOW ,CALLSW ,*+16 ,1 ,0 ,1 ,1 ,*+16	,11	UVEMBER, 1966	PAGF	
****** LOCTN 13196 13212 13214 13226 13238 13268 13268 13268 13268 13268 133308 13313 13314 13326 13334 13346 13354 13354 13354 13354 13354 13354 13354	OP 17 14 46 17 49 17 43 17 15 49 15 49 26 11 17	02399 SECUND P/L 08018 00005 02372 13268 055510 00005 13094 05570 00005 00005 00005 00005 00005 00005 00005 00005 00005 00005 00005 00005 00005 00005 00005 00005 00005	PASS FORTRAN Q 13212 62399 00104 01200 13254 99485 02372 00000 066843 09320 13308 99485 99469 00001 00000 00000 00000 00000 09485 00001 13394 93781	II PG/LN 15040 15050 15060 15070 15080 151100 15120 15130 15140 15150 15140 15160 15170 15200 15	N60032 CODE3X	MNEM BTM CCM BE BTM DSA BOORG BTM DSA BODORG TDM BD DORG TDM BD	OPERANDS PUTC SL SR, N60032 RMNS I SR CODE3D *-3 ADJUST CET RPNS I FAC FSW EXIT *-3 CALLX CLEAR *-3 N40001 N40001,N4	AND REMARKS ,*+16 104,8,RIGHT PA ,*+16 ,ADCOW ,CALLSW ,*+16 ,1 ,0 ,1 ,1 ,*+16	,11	OVEMBER, 1966	PAGF	
****** LOCTN 13196 13212 13214 13226 13228 13259 13268 13280 13292 13308 13313 13326 13334 13334 13335 13354 13354 13354 13354 13354 13354 13354 13354 13354 13354 13364 13374 13375 13379 13400 13410	OP 17 14 46 17 49 17 43 17 15 49 26 11 17	02399 P/L 08018 00005 02372 13268 055510 00005 13094 033842 13354 05570 00005 00005 00005 00005 0314 03206 05055 02628 03781 05540 00005 030781 02628	PASS FORTRAN Q 13212 62399 00104 01200 13254 99485 92372 00000 66843 09320 13308 99485 99469 00000 00000 00000 00000 00000 00000 00485 00001 13394 63781 63781 63781 00132	II PG/LN 15050 15060 15060 15070 15080 15100 15110 15120 15130 15140 15150 15160 15170 15180 15200 15200 15200 15200 15200 15200 15200 15250 15250	N60032 CODE3X	MNEM BTM DSA CM BBTM DSA BDD SA BDD S	OPERANDS PUTC SL SR, N60032 RMNS I SR CODE3D *-3 ADJUST CET RPNS I FAC FSW EXIT *-3 CALLX CLEAR *-3 N40001 GTNS N40001,N4	AND REMARKS ,*+16 104,8,RIGHT PA ,*+16 ,ADCOW ,CALLSW ,*+16 ,1 ,0 ,1 ,*+16 40001	,11	OVEMBER, 1966	PAGF	
****** LOCTN 13196 13212 13214 13226 13218 13254 13259 13268 13268 13280 13290 13291 13314 13334 13334 13334 13334 13334 13334 13334 13334 13334 13334 13346 13354 13366 13378 13394 13394 13394 13394	OP 17 14 466 17 49 17 43 17 15 49 26 11 17	02399 P/L 08018 00005 02372 13268 05510 00005 13094 03842 13354 05570 00005 09314 03206 05055 02628 03781 03781 05540 00005 00005	PASS FORTRAN Q 13212 62399 06104 01200 13254 69485 62372 00000 66843 09320 13308 69485 69469 00001 00000 00000 00000 00000 00000 00485 00001 13394 63781 63781 63781	III PG/LN 15050 15060 15070 15080 15110 15120 15130 15140 15150 15140 151520 15220 15220 15230 15240 15250 15260 15270	N60032 CODE3X	MN B MM B	OPERANDS PUTC SL SR, N60032 RMNS I SR CODE30 *-3 ADJUST CET RPNS I I FAC EXIT *-3 CALLX CLEAR *-3 N40001 GTNS N40001,N4 N40001 CLEAR CDDF3X+12 CDDF3X+12	AND REMARKS ,*+16 104,8,RIGHT PA ,*+16 ,ADCOW ,CALLSW ,*+16 ,1 ,0 ,1 ,*+16 40001	,11	OVEMBER, 1966	PAGF	
****** LOCTN 13196 13212 13214 13226 13238 13268 13268 13268 13268 13292 13308 13313 13313 13314 13326 13334 13354	OP 17 14 46 17 49 17 43 17 15 49 26 11 17	02399 P/L 08018 00005 02372 13268 055510 00005 13094 055570 00005	PASS FORTRAN Q 13212 62399 00104 01200 13254 99485 92372 00000 66843 09320 13308 99485 99469 00000 00000 00000 00000 00485 00481 13394 93781 09132 01200 00000	II PG/LN 15050 15060 15070 15080 15110 15120 15130 15140 15150 15140 15150 15170 15180 15200 15200 15200 15200 15200 15200 15200 15200 15200 15200 15200 15210 15230 15240 15250 15270	CODE3E N60032 CODE3X CODE3Z CET	MNEM BTSA CM BENTSA DSA BD BTM BD	DPERANDS PUTC SL SR, N60032 RMNS II SR CODE3D *-3 ADJUST CET RPNS I FAC FSW EXIT *-3 N40001 N40001 GTNS N40001,N4 N40001 CLEAR CDDF3X+1: *-3 CUDF3X+1: *-3 CUDF3X+1: *-3 CUDF3X+1: *-3 CUDF3X+1: *-3 CUDF3X+1: *-3 CUDF3X+1:	AND REMARKS ,*+16 104,8,RIGHT PA ,*+16 ,ADCOW ,CALLSW ,*+16 ,1 ,0 ,1 ,*+16 40001	,11 ,10			
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****** LOCTN 13196 13212 13214 13226 13268 13260 13268 13280 13292 13308 13334 13334 13334 13334 13334 13334 13334 13344 13354 13366 13378 13412 13422 13458 13464 13478 13442 13452 13458 13464 13478 13486 13551 13560 13570 13570 13570 13570	OP 17 14 466 17 49 17 43 17 15 49 26 11 17 17 26 14 47 25 17	02399 P/L 08018 00005 02372 13268 05510 00005 13094 03842 105570 00005 003781 03206 05055 00005 03781 02628 13292 00005	PASS FORTRAN Q 13212 62399 00104 012200 13254 69485 62372 00000 66843 09320 13308 69485 69469 00001 00000 00000 00000 00000 00000 00000 0000	II PG/LN 15040 15050 15060 15070 15080 15190 151100 15120 15130 15140 15150 15120 15120 15130 15220 15220 15220 15230 15240 15250 15260 15270 15290 15310 15340 15350 15340 15350 15340 15350 15340 15350 15340 15350 15340 15350 15340 15350 15350 15350 15350 15350 15350 15350 15350 15350 15350 15350 15350 15350 15350 15450 15450 15450 15450 15450 15550 15550	CODE3Z CODE3Z CET ****** CODE4A	MN EM M BDSA M BDSA M BDSA M BDSA M BBTMA DSA M BBTMA DSA M BBTMA DSA M BBTMA BDSA M BBTMA BDSA M BBTMA BDSA M BBTMA BDSA M BBTMA BB D SA M	OPERANDS PUTC SL SR, N60032 RMNS I SR CODE3D *-3 ADJUST CET RPNS I FAC FSW EXIT *-3 CALLX CLEAR *-3 N40001 GTNS N40001,N4 N40001 GTNS N40001,N4 VORT CDDF3X+1: *-3 OUTPUT RET I SR UV SR, N60034 FX OPSR LV,N4000: PUTX BTM N40003 ZERD EXIT *-3 N60035 GNRP	AND REMARKS ,**+16 104,8,RIGHT PA ,*+16 ,ADCOW ,CALLSW ,*+16 ,1 ,0 ,1 ,1 ,*+16 40001 ,132 2 VERSE SIGN INST ,**+16 101,8,FAC ,FLAGSW ,*+16 ,**+16	,11 ,10			
****** LOCTN 13196 13212 13214 13226 13214 13259 13260 13268 13280 13280 133314 13334 13334 13334 13334 13334 13334 13344 13346 13354 13356 13472 13462 13452 13452 13452 13452 13452 13452 13452 13452 13452 13452 13452	OP 17 14 46 17 49 17 43 17 15 49 26 11 17 17 26 44 47 25 17 17	02399 P/L 08018 00005 02372 13268 055510 00005 13094 03842 05570 00005 02628 03781 03781 03781 005628 03781 03781 005628 03781 02628 03781 02628 03781 035540 00005 03781 02628 03781 02628 03781 035540 00005 03781 02628 03781 035540 00005 03781 02628 03781 035540 00005 03781 02628 03781 035540 00005 03781 035540 00005 03781 035540 00005 035540 00005 035540 00005 035540 00005 04077 03888 00005 04077	PASS FORTRAN Q 13212 62399 00104 01200 13254 69485 62372 00000 66843 09320 13308 69485 69469 00001 00000 00000 00000 00000 00000 00485 00001 13394 63781 63781 60132 01200 00000 69485 69505 13458 69485 69505 13458 69485 693791 13550 66846 63791 19341 00000 09314 13594 00001 13622 62372 62372 62372	II PG/LN 15050 15060 15070 15080 15110 15120 15130 15140 15150 15140 151520 15220 15220 15230 15240 15230 15240 15250 15240 15250 15240 15250 15240 15250 15240 15250 15240 15250 15240 15250 15240 15250 15240 15250 15240 15250 15240 15250 15250 15240 15250 15250 15250 15250 15250 15350 15360 15350 15360 15350 15360 15350 15360 15350 15360 15350 15360 15350 15360 15350 15410 15420 15430	CODE3Z CODE3Z CET ****** CODE4A	MN B TMA MN B TMA CME B BTD MA B DD M G B DD M G CME B D D M G B D D M G CME B D D M G B D D M G CME B D D M G B D D M G B D D M G CME B D D M G B	DPERANDS PUTC SL SR, N60032 RMNS I SR CDDE3D *-3 ADJUST CET RPNS I I FAC ESW EXIT *-3 ADJUST CALLX CLEAR *-3 N40001 GTNS N40001 GTNS N40001 CLEAR CDF3X+1: U STR LV GTNS I LV GTNS I LV GTNS I LV GTNS I SR LV PUTX BTM N40003 ZER0 EXIT *-3 N60035 GNRP SS2 SRFCT SR N40003	AND REMARKS ,*+16 104,8,RIGHT PA ,*+16 ,ADCOW ,CALLSW ,*+16 ,1 ,0 ,i1 ,i2 ,*+16 101,8,FAC ,FLAGSW ,*+16 ,FLAGSW ,*+16 ,FLAGSW ,*+16 ,FLAGSW ,*+16	,11 ,10			
****** LOCTN 13196 13212 13214 13226 13218 13254 13269 13260 13268 13280 13291 13314 13334 13334 13334 13334 13334 13346 13334 13346 13356 13351 13452 13463 13461 13472 13458 13501 13551 13560 13550 135560 135570 135582 13560 135570 13582 13594 13606 13570 13582 13594 13606	OP 17 14 466 17 49 17 43 17 15 49 26 11 11 17 26 14 47 51 7 17 17 17 17 17 17 17 17 17 17 17 17	02399 P/L 08018 00005 02372 13268 055510 00005 13094 03842 055570 00005 00005 00005 00005 03781 02628 03781 02628 13292 00005 00005 03781 02628 03781 02628 03781 02628 03781 03781 02628 03781 02628 03781 02628 03781 03781 02628 03781 03781 03781 03781 03783 04005 04007 03888 00005 04007 03888 00005 03206	PASS FORTRAN Q 13212 62399 00104 01200 13254 69485 62372 00000 66843 09320 13308 69485 69469 00000 00000 00000 00000 00000 00000 0000	II PG/LN 15040 15050 15060 15070 15080 151100 151100 151100 151100 151100 151200 151300 15220 15240 15220 15220 15220 152300 15240 15250 15240 15250 15240 15250 15240 15250 15250 15250 15270	CODE3Z CODE3Z CET ****** CODE4A	SF MN BTSA MN BTSA ROBBTD	DPERANDS PUTC SL SR, N60032 RMNS I SR CDDE3D *-3 ADJUST CET RPNS I FAC FSW EXIT *-3 N40001 GTNS N40001,N4 N40001 CLEAR *-3 N40001 CLEAR CDDF3X+1: SR LV GTNS I SR LV SR, N60034 FX DPSR LV,N40003 ZERD EXIT *-3 N60035 GNRP SS2 SRFCT SR N40003 PUTX DPX R N40003	AND REMARKS ,*+16 104,8,RIGHT PA ,*+16 ,ADCOW ,CALLSW ,*+16 ,1 ,0 ,1 ,1 ,2 VERSE SIGN INST ,*+16 101,8,FAC ,FLAGSW ,*+16 ,**+16	,11 ,10			28
****** LOCTN 13196 13212 13214 13226 13268 13268 13268 13268 13280 13464 13354 13334 13334 13334 13334 13334 13334 13334 13354 13354 13354 13355 13560 13463 13463 13463 13463 13463 13463 13476 13488 13500 13512 13528 13533 13555 13560 13562 13570 13570 13570 13570 13570 13570 13570 135782	OP 17 14 46 17 49 17 43 17 15 49 26 11 17 17 26 44 47 25 17 17	02399 P/L 08018 00005 02372 13268 055510 00005 00005 13094 03842 05570 00005 00005 00314 03206 05055 02628 03781 05540 00005 03781 02628 13292 00005 00005 00005 003781 005050 0005 003781 005050 0005 0013594 00005 00005 00005 00005 00005 00005 00005 00005 00005 00005 00005 00005 00005 00005 00005 00005 00005	PASS FORTRAN Q 13212 62399 06104 012200 13254 69485 692372 00000 66843 09320 13308 69485 69469 00001 00000 00000 00000 00000 00000 00000 0000	II PG/LN 15040 15050 15060 15070 15080 15100 151100 151100 151100 151100 151100 15120 15120 15120 15120 15200 15200 15240 15250 15240 15250 15240 15250 15240 15310 15320 15330 15340 15330 15340 15340 15350 15340 15350 15440 15450 15450 15450 15550	CODE3Z CODE3Z CET ****** CODE4A	SF MN EM BDSA A GENT BBT A A BBT BBT BBT BBT BBT BBT BBT BB	OPERANDS PUTC SL SR, N60032 RMNS I SR CODE3D *-3 ADJUST CET RPNS I FAC FSW EXIT *-3 CALLX CLEAR *-3 N40001 GTNS N40001,N4 N40001 GTNS N40001,N4 N40001 GTNS N40001 FX GUIPUT REI I V GTNS I SR LV SR, N60034 FX OPSR DPSR DPSR DPSR N40003 ZERD EXIT *-3 N60035 GNRP SS2 SRFCT SR N40003 SRFCT SR N40003	AND REMARKS ,*+16 104,8,RIGHT PA ,*+16 ,ADCOW ,CALLSW ,*+16 ,1 ,0 ,i1 ,i2 ,*+16 101,8,FAC ,FLAGSW ,*+16 ,FLAGSW ,*+16 ,FLAGSW ,*+16 ,FLAGSW ,*+16	,11 ,10			

****	*	SECOND	PASS FORTRAN	11					. NO	/EMBER,	1966	PAGE	29
LOCT		P/L	Q		LABEL	MNEM	OPERANDS	AND REMARKS		, choch ,	1,00	1702	- /
1365 1365		00005 09314	03791 0000 1	15590 15600		DSA TDM	N40003 FSW	, 1	, 11				
1366	8 25	05095 05570	04673 13696	15610 15620		TD BTM	FLAGSW RPNS	,FXORFL ,*+16	711				
1369 1370	6 1	00005 00005	0 9485 0 9469	15630 15640		DSA DSA	I FAC						
1370 1371 1372	4 49	04007 13512	04673 00000	15650 15660 15670		TD B DORG	FX CODE4A	,FXORFL					
1372 1373	2 17	05540 00005	±3738 0 9485	15680 15690	CODE8P		GTNS I	,*+16					
1374 1374	3	00005 09505	0 9505 0 0 124	15700 15710		DSA CM	ĹV LV,	124,8,LEFT PAREN					
1375 1376	8 49	10122 10026	01200 00000	15720		В	CODE8						
1377 1377 1379	6 17	05510 00005	1 3792 0 9485	15740 15750 15760	CD15P	DORG BTM DSA	RMNS I	,* +16					
1379 1379	7	00005 03836	0 2399 09485	15770 15780		DSA TF	SL N40012	, I					
1381 1382	2 17	03836 05540	000 0 2 +3838	15790 15800		AM BTM	N40012 GTNS	,2 ,*+16	,10				
1383 1384 1384	3	00005 00005 02377	03836 02377 00132	15810 15820 15830		DSA DSA CM	N40012 SX SX,	132,8,SEMI COLON					
1385 1386	6 47	03206 05055	01200 00001	15840 15850		BNE TDM	EXIT CALLX	,1					
1388	В	12858	00000	15860 15870		B DORG							
1410		00002		15880 15890 15900	*****		14100 ERTIARY L 2,5	INKAGE BLOCK 5					
1410	2 17	05510 00000	14202 00000	15910 15920	SUBCDS		RMNS	,CDSSP					
1412 1413	6 16 8 17	02359 02324	9 9236 1 4126	15930 15940	SUBCAB		FMON+35 FMON	,BLK6 ,SUBCAB					
1415 1416	2 17	02359	9 9260 1 4150	15950 15960	SUBC12	втм	FMON+35 FMON	,8LK7 ,SUBC12					
1417 1418 1420	5 17	02359 02324 00005	9 9284 1 4174 9 9485	15970 15980 15990	SUB12B CDSSP	TFM BTM DSA	FMON+35 FMON I,SR	,8LK8 ,SUB12B					
1420	7	00005 05510	02372 14224	16000	CDSSF	ВТМ	RMNS	,*+16					
1422 1422	4 9	00005	0 9485 0 2384	16010		DSA	I,SY						
1423 1424 1425	5	05510 00005 00005	14246 09485 02384	16020 16030		DSA	RMNS I,SY	,*+16					
1425 1426	2 12	09485 05540	000 0 1 14280	16040 16050		SM BTM	I GTNS	,1 ,*+16	, 10				
1428 1428	5	00005 00005	0 9485 0 2377	16060		DSA	I,SX						
1428 1429 1431	8 15	09485 09599 04276	000 0 1 00001 1 4326	16070 16080 16090		AM TDM BTM	I SKIPSW SRFCT	,1 ,1 ,*+16	,10				
1432 1433	6	00005 00005	0 2377 0 2377	16100		DSA	SX,SX	,~+10					120
							*						
****			PASS FORTRAN		1.405		005044005	,	NOV	/EMBER,	1966	PAGE	30
LOCT	N OP	P/L	Q	II PG/LN 16110	LABEL			AND REMARKS	ŅÜΛ	/FMBER,	1966	PAGE	30
LOCT 1433 1434 1435	N OP 2 25 4 25 6 17	P/L 15577 05035 08712	Q 04451 04673 1 4372	PG/LN 16110 16120 16130	LABEL	TD TD BTM	SPCOM RXFLAG CANDS	AND REMARKS ,COMSW ,FXORFL ,*+16	NÜΛ	/EMBER,	1966	PAGE	30
LOCT 1433 1434 1435 1437 1437	N OP 2 25 4 25 6 17 2	P/L 15577 05035 08712 00005 00005	Q 04451 04673 14372 66853 66858	PG/LN 16110 16120 16130 16140	LABEL	TD TD BTM DSA	SPCOM RXFLAG CANDS D1,DI	,COMSW ,FXORFL ,*+16	/UA	/EMBER,	1966	PAGE	30
LOCT 1433 1434 1435 1437	N OP 2 25 4 25 6 17 2 7 8 26 0 11	P/L 15577 05035 08712 00005 00005 03801 03801 07343	Q 04451 04673 1 4372 0 6853	PG/LN 16110 16120 16130 16140 16150 16160	LABEL	TD TD BTM	SPCOM RXFLAG CANDS D1,DI N40005 N40005	,COMSW ,FXORFL ,*+16	,10	/EMBER,	1966	PAGE	30
LOCT 1433 1434 1435 1437 1437 1437 1439 1440 1441	N OP 2 25 4 25 6 17 2 7 8 26 0 11 2 15 4 43 6 49	P/L 15577 05035 08712 00005 03801 03801 07343 14434 14446	Q 04451 04673 14372 96853 96858 06843 00012 00001	PG/LN 16110 16120 16130 16140 16150 16160 16170 16180 16190	LABEL	TD TD BTM DSA TF AM TDM BD B7	SPCOM RXFLAG CANDS D1,DI N40005 N40005 SS2 *+20 *+20	,COMSW ,FXORFL ,*+16		∕EMBER.	1966	PAGE	30
LOCT 1433 1434 1435 1437 1437 1439 1440 1441 1442 1443	N OP 2 25 4 25 6 17 2 7 8 26 11 2 15 4 43 6 49 3 26 6 14	P/L 15577 05035 08712 00005 03801 03801 07343 14434 14446 03801 02372	Q 04451 04673 44372 96853 96858 06843 00012 00001 05035	PG/LN 16110 16120 16130 16140 16150 16160 16170 16180 16190 16200 16210	LABEL	TD TD BTM DSA TF AM TDM BD B7 SF CM	SPCOM RXFLAG CANDS D1,DI N40005 N40005 SS2 *+20 *+20 N40005 SR	,COMSW ,FXORFL ,*+16 ,ADCOW ,12		/EMBER,	1966	PAGE	30
LOCT 1433 1434 1435 1437 1437 1439 1440 1441 1442 1443 1444	N OP 2 25 4 25 7 7 8 26 11 12 7 8 26 11 15 4 43 6 49 32 4 43 6 49 8 47 9 46	P/L 15577 05035 08712 00005 03801 07343 14434 14446 03801 02372 14614 14548	Q 04451 04673 14372 66853 66858 06042 00001 05035 00000 00150 01300 01200	PG/LN 16110 16120 16130 16140 16150 16160 16180 16190 16200 16220 16230		TD TD BTM DSA TF AM TDM BD SF CM BL BE	SPCOM RXFLAG CANDS D1,DI N40005 N40005 SS2 *+20 N40005 SR XX1 XX2	,COMSW ,FXDRFL ,*+16 ,ADCOW ,12 ,1 ,RXFLAG	, 10	/EMBER,	1966	PAGE	30
LOCT 1433 1434 1435 1437 1437 1439 1440 1441 1442 1443 1444 1445 1447	N OP 2 255 4 257 8 26 17 7 26 115 4 43 6 49 4 46 114 4 66 17	P/L 15577 05035 08712 00005 03801 07343 14434 14444 03801 02372 14548 09485 03806 08712	Q 04451 04673 44372 66853 96858 06843 00002 00001 05035 000150 01300 01200 00066 04092 44522	PG/LN 16110 16120 16130 16140 16150 16160 16170 16180 16200 16220 16230 16240 16250	LABEL .	TD BTM DSA TF AM TDM BB7 SF CM BL BEAM TF BTM	SPCOM RXFLAG CANDS D1,DI N40005 SS2 *+20 *+20 *+20 SR XX1 XX2 I N40006 CANDS	,COMSW ,FXORFL ,*+16 ,ADCOW ,12 ,1 ,RXFLAG	,10	/FMBER,	1966	PAGE	30
LOCT 1433 1434 1435 1437 1437 1437 1441 1442 1443 1444 1445 1445 1450 1452	N OP 2 2544 257 6 17 27 7 8 26 11 2 115 4 43 6 49 4 49 4 47 6 49 6 11 2 11 4 43 6 47 7 14 7 16 7 17 7 17 7 17 7 17 7 17 7 17 7 17	P/L 15577 05035 08712 00005 03801 07343 14434 14446 03801 02372 14614 14548 09485 03806 08712 00005	Q 04451 04673 14372 66853 66858 06843 00012 00001 05035 00000 09150 01300 01200 00096 04092 14522 66883 92384	PG/LN 16110 16120 16130 16140 16150 16160 16170 16180 16200 16230 16240 16250 16260 16270		TD TD BTM DSA TF AM BD B7 SF CBL BE AM TF BTM DSA	SPCOM RXFLAG CANDS D1,DI N40005 N40005 SS2 *+20 N40005 SR XX1 XX2 I N40006 CANDS D4,SY	,COMSW ,FXDRFL ,*+16 ,ADCOW ,12 ,1 ,RXFLAG ,150 ,6 ,SUB3 ,*+16	,10 ,8 ,10	/FMBER,	1966	PAGE	30
LOCT 1433 1434 1435 1437 1437 1437 1439 1440 1441 1445 1447 1448 1449 1450 1452 1452	N OP 2554 257 264 277 264 432 446 45 144 466 17 267 27 8 8 149 8 8 149 8 8 149 8 8 149 8 8 149 8 8 149	P/L 15577 05035 08712 00005 03801 07343 14434 14446 03801 02372 14614 14548 03806 08712 00005 00005 000485 14674	Q 04451 04673 44372 66853 66858 06843 00012 00001 05035 00000 00150 01300 01200 00006 04092 44522 66883 62384 00006	PG/LN 16110 16120 16130 16140 16150 16160 16170 16200 16220 16230 16240 16250 16260 16270	xx3	TD BTM DSA TFM TDM BD BFF CM BEAM TFM DSA SM B7	SPCOM RXFLAG CANDS D1,DI N40005 N40005 SS2 *+20 N40005 SR XX1 XX2 I N40006 CANDS D4,SY	,COMSW ,FXDRFL ,*+16 ,ADCOW ,12 ,1 ,RXFLAG ,150 ,6 ,5UB3 ,*+16	,10 ,8 ,10	/FMBER,	1966	PAGE	30
LOCT 1433 1434 1435 1437 1437 1437 1440 1441 1445 1445 1445 1445 1452 1452 1454 1456 1456	N OP 2554 2578 264 17 264 49 11 267 12 12 15 36 11 12 16 17 17 18 18 18 18 18 18 18 18 18 18 18 18 18	P/L 15577 05035 08712 00005 03801 07343 14434 14446 03801 102372 14614 14548 09485 03806 08712 00005 09485 14672 09485 03806	Q 04451 04673 14372 96853 96858 06042 00001 05035 00000 09150 01300 01200 00096 04092 14522 96883 92384 00096 00093 04082 14588	PG/LN 16110 16120 16130 16140 16150 16160 16170 16200 16210 16220 16230 16240 16270 16280 16290 16290 16290 16290 16290 16290		TDD BTM DSA TF AM M BB7 SF CBL BE AM F BTM BBS AM F BTM AM F BTM AM F BTM	SPCOM RXFLAG CANDS D1,DI N40005 N40005 SS2 *+20 N40005 SR XX1 XX2 I N40006 CANDS D4,SY I N40006 CANDS	,COMSW ,FXDRFL ,*+16 ,ADCOW ,12 ,1 ,RXFLAG ,150 ,6 ,SUB3 ,*+16	,10 ,8 ,10	/FMBER,	1966	PAGE	30
LOCT 1433 1434 1435 1437 1437 1439 1440 1442 1445 1445 1445 1450 1452 1452 1452 1453 1456 1457	N OP 22 25 25 25 26 17 22 27 88 26 6 17 4 26 6 17 4 26 6 17 4 26 6 17 4 26 6 17 27 88 12 27 88 12 27 88 12 27 88 12 27 88 12 27 88 12 27 88 12 27 88 12 27 88 12 27 88 12 17 8	P/L 15577 05035 08712 00005 03801 03801 03801 02372 14614 14548 09485 03806 08712 00005 09485 03406 08712 00005	Q 04451 04673 14372 66853 66858 06843 00012 00001 05035 00000 00150 01300 01200 00006 04092 14522 66883 92384 00008 00008	PG/LN 16110 16120 16130 16140 16150 16160 16170 16210 16220 16230 16240 16250 16250 16260 16270	xx3	TD BTM DSA TF ADD BSF CM BB AM TFT MA BDS A ST ATF MBDS A ST ATF BDS A	SPCOM RXFLAG CANDS D1,DI N40005 N40005 SS2 *+20 N40005 SR XX1 XX2 I N40006 CANDS D4,SY I XX4 I I N40006 CANDS D4,SY	,COMSW ,FXDRFL ,*+16 ,ADCOW ,12 ,1 ,RXFLAG ,150 ,6 ,SUB3 ,*+16	,10 ,8 ,10 ,10	/FMBER,	1966	PAGE	30
LOCT 1433 1434 1435 1437 1437 1439 1440 1442 1444 1445 1445 1452 1452 1454 1456 1457 1458	N OP	P/L 15577 05035 080712 00005 03801 03801 03801 03801 04343 14444 04485 03801 14548 09485 00005 09485 14672 09485 04806 08712 00005 09485 14672	Q 04451 04673 14372 66853 66858 06843 00012 00001 05035 00000 01150 01200 00096 04092 14522 66883 62384 00093 04082 14588 66883 62384 00093	PG/LN 16110 16120 16130 16140 16160 16180 16180 16210 16220 16230 16240 16250 16260 16270 16280 16310 16320 16330 16340 16330	xx3 xx2	TD BTM DSA TF BTM DSA TF BTM BB 7 SF CM BB 8 BE AM DSA TF BTM DSA TF BTM DSA SM 5	SPCOM RXFLAG CANDS D1,D1 N40005 N40005 SS2 *+20 N40005 SR XX1 XX2 I N40006 CANDS D4,SY I XX4 I N40006 CANDS D4,SY	,COMSW ,FXORFL ,*+16 ,ADCOW ,12 ,1 ,RXFLAG ,150 ,6 ,SUB3 ,*+16 ,6 ,3 ,\$UB2 ,*+16	,10 ,8 ,10	/FMBER,	1966	PAGE	30
LOCT 1433 1434 1435 1437 1437 1439 1440 1441 1445 1445 1445 1445 1450 1452 1454 1456 1457 1458 1459 1450 1461 1463	N OP	P/L 15577 05035 08712 00005 03801 03801 03801 02372 14614 14548 09485 03806 08712 00005 09485 03806 08712 00005 09485 03806 08712 00005 09485 03806 08712 00005	Q 04451 04673 14372 66853 66858 06843 00012 00001 05035 00000 00150 01200 00150 01200 00006 04092 14522 66883 62384 00006 00003 04082 14588 66883 62384 000063	PG/LN 16110 16120 16130 16140 16150 16160 16170 16210 16220 16230 16240 16250 16270 16280 16310 16330 16340 16350 16340 16350	xx3	TD D BTM DSA TAM BB7 SCM BL BAM TFF BDSA SM B7 BTM BDSA SM B7 BTM	SPCOM RXFLAG CANDS D1,D1 N40005 N40005 SS2 *+20 *+20 *+20 XX1 XX2 I N40006 CANDS D4,SY I I N40006 CANDS D4,SY	,COMSW ,FXDRFL ,*+16 ,ADCOW ,12 ,1 ,RXFLAG ,150 ,6 ,SUB3 ,*+16	,10 ,8 ,10 ,10	/FMBER,	1966	PAGE	30
LOCT 1433 1434 1435 1437 1437 1439 1440 1442 1445 1445 1445 1452 1452 1452 1452	N OP 25 4 25 4 25 4 25 7 7 26 6 17 7 2 18 8 14 12 2 17 7 7 8 8 12 8 14 17 7 7 7 8 18 18 18 18 18 18 18 18 18 18 18 18 1	P/L 15577 05035 08712 00005 00005 03801 03801 03801 02372 14614 14548 09485 03806 08712 00005 00485 14672 00005 09485 14672 00005 09485 14672 00005 09485 03806 08712 00005	Q 04451 04673 14372 66853 66858 06843 00012 00001 05035 00000 00150 01300 01200 00006 04092 14522 66883 62384 00006 00003 04002 14588 66883 62384 00003	PG/LN 16110 16120 16130 16140 16160 16170 16180 16210 16220 16230 16240 16250 16260 16270 16280 16330 16340 16330 16340 16350 16360 16370	xx3 xx2	TD TD M TF M TB D S A B TF B T M A B D S A B TF B T M A B D S A B TF B T M A B TF C M TF B T M A B TF C M TF	SPCOM RXFLAG CANDS D1,DI N40005 N40005 SS2 *+20 N40005 SR XX1 XX2 I N40006 CANDS D4,SY I I XX4 I I N40006 CANDS D4,SY	,COMSW ,FXORFL ,*+16 ,ADCOW ,12 ,1 ,RXFLAG ,150 ,6 ,SUB3 ,*+16 ,6 ,3 ,\$UB2 ,*+16	,10 ,8 ,10 ,10	/FMBER,	1966	PAGE	30
LOCT 1433 1434 1435 1437 1437 1439 1440 1442 1445 1445 1445 1456 1457 1458 1456 1456 1463 1463 1464	N OP	P/L 15577 05035 08712 00005 03801 03801 03801 03801 14444 09485 03801 405485 00005 09485 14672 00005 09485 14672 00005 00005 00485 14672 00005 00005	Q 04451 04673 14372 96853 96858 06843 00012 00001 05035 00000 00150 01200 00106 04092 14522 96883 92384 00066 00063 04082 14588 96883 92384 00063 04082 14588 96883 92384 00063	PG/LN 16110 16120 16130 16140 16160 16180 16180 16200 16210 16220 16250 16260 16270 16280 16310 16320 16340 16340 16350 16360 16370 16380 16390 16410	xx3 xx2	TD TD TD TAM TB	SPCOM RXFLAG CANDS D1,D1 N40005 N40005 SS2 *+20 N40005 SR XXX1 XXX2 I N40006 CANDS D4,SY I I XX4 I I XX4 I I XX4 I I XX5 I I XX6 I I XX7 I I XX7 I I XX8 I I XX9 I I XX9 I I XX9 I I XX9 I XX0 I XX9 I XX9 I XX9 I XX9 I XX I XX	,COMSW ,FXDRFL ,*+16 ,ADCOW ,12 ,1 ,RXFLAG ,150 ,6 ,SUB3 ,*+16 ,6 ,3 ,SUB2 ,*+16 ,3 ,*+16	,10 ,8 ,10 ,10	/FMBER,	1966	PAGE	30
LOCT 1433 14345 1437 1437 1437 1440 1442 1445 1445 1445 1445 1456 1457 1458 1466 1467 1468 1468	OP O	P/L 15577 05035 08712 00005 03001 03801 07343 14444 03801 14548 09485 03806 08712 00005 00005 00005 04856 14672 09485 00005 00005 00005 00005 00005 00005 00005 00005 00005	Q 04451 04673 14372 66853 66858 06843 000+2 00001 05035 00000 00150 01300 01200 00066 04092 14522 66883 62384 00066 00063 04082 14588 66883 62384 00063 14630 66883 62384 00072 60001 01200 14688 66846	PG/LN 16110 16120 16130 16140 16150 16160 16170 16200 16220 16230 16250 16260 16270 16280 16310 16310 16350 16350 16360 16370	xx3 xx2 xx1	TD TD M TD M TD M TD M BT M TD M BT M BB BE AM TF BT M DS A SM TB TM DS A TF M BB DS A TF M BB BE BE BE BE	SPCOM RXFLAG CANDS D1,D1 N40005 N40005 SS2 *+20 N40005 SR XXX1 XXX2 I N40006 CANDS D4,SY I I XX4 I I XX4 I I XX4 I I XX5 I I XX6 I I XX7 I I XX7 I I XX8 I I XX9 I I XX9 I I XX9 I I XX9 I XX0 I XX9 I XX9 I XX9 I XX9 I XX I XX	,COMSW ,FXORFL ,*+16 ,ADCOW ,12 ,1 ,RXFLAG ,150 ,6 ,SUB3 ,*+16 ,6 ,3 ,SUB2 ,*+16 ,3 ,*+16	,10 ,8 ,10 ,10	'FMBER,	1966	PAGE	30
LOCT 1433 1434 1435 1437 1437 1439 1440 1442 1445 1445 1454 1456 1457 1458 1463 1463 1463 14668 14668 1467 1468	N OP	P/L 15577 05035 08712 00005 03801 03801 03801 03801 14444 09485 03801 405485 00005 00005 00485 14672 00005 00005 00005 00005 00005 00005 00005 00005 00005 00005 00005	Q 04451 04673 14372 66853 66853 66858 06843 00012 00001 05035 00000 00150 01200 00006 04092 14522 66883 62384 00066 00063 04092 145588 66883 62384 00063 04082 14588 66883 62384 00072 66883 62384 00072 66883 62384 04082 14588 66883 6888 68888	PG/LN 16110 16120 16130 16140 16160 16170 16160 16210 16220 16230 16240 16250 16260 16270 16310 16320 16340 16340 16340 16360 16390 16440 16440	xx3 xx2 xx1	TD T	SPCOM RXFLAG CANDS D1,DI N40005 N40005 SS2 *+20 N40005 SR XXX1 XX2 I N40006 CANDS D4,SY I XX4 I I XX4 I I XX4 I I XX5 I I XX0006 CANDS D4,SY I XX6 I XX7 I XX7 I I XX8 I I XX9 I I XX9 I I XX9 I I XX9 I I XX9 I I XX9 I I XX9 I I XX9 I I XX9 I X XX9 I XX9 I XX9 I XX9 I XX9 I XX I XX9 I XX I XX0 I X0 I I X0 I X I X	,COMSW ,FXORFL ,*+16 ,ADCOW ,12 ,1 ,RXFLAG ,150 ,6 ,SUB3 ,*+16 ,6 ,3 ,SUB2 ,*+16 ,3 ,*+16	,10 ,8 ,10 ,10	/FMBER,	1966	PAGE	30
LOCT 1433 14345 1437 1437 1437 1440 1442 1445 1445 1445 1445 1456 1457 1456 1457 1463 1463 1464 1466 1467 1468 1469 1471 1471	OP O	P/L 15577 05035 08712 00005 03801 03801 03801 03801 14434 14446 03801 14548 09485 03806 08712 00005 0485 04805 00005 00005 00485 00005 00005 00005 00005 00005 00005 00005 00005 00005 00005 00005 00005 00005 00005 00005	Q 04451 04673 14372 66853 66858 06843 00012 00001 05035 00000 00150 01300 01200 00160 04092 14522 66883 62384 00006 00003 04082 14588 66883 62384 00003 14630 66883 62384 00007 101200 14688 66888	PG/LN 16110 16120 16130 16140 16140 16180 16180 16210 16220 16230 16240 16250 16260 16270 16390 16310 16350 16360 16370 16380 16350 16360 16370 16380 16390 16440 16450	xx3 xx2 xx1	TOTOM TAMEN TO THE TOTOM TO THE	SPCOM RXFLAG CANDS D1,DI N40005 N40005 SS2 *+20 *+20 *+20 *+20 TANDS D4,SY I XX2 I N40006 CANDS D4,SY I XX4 I I XX4 I I XX4 I I XX4 I I XX5 I I XX9 I XX9 I XX9 I I XX9 I I XX9 I X I X	,COMSW ,FXDRFL ,*+16 ,ADCOW ,12 ,1 ,RXFLAG ,150 ,6 ,SUB3 ,*+16 ,6 ,3 ,SUB2 ,*+16 ,3 ,*+16 ,5 ,5 ,5 ,5 ,5 ,5 ,5 ,5 ,5 ,5 ,5 ,5 ,5	,10 ,8 ,10 ,10	/FMBER,	1966	PAGE	30
LOCT 1433 14345 1437 1437 1437 1447 1448 1446 1445 1457 1456 1457 1456 1457 1466 1463 1464 14668 14668 1467 1468 1469 1471 1471 1473 1473	N OP	P/L 15577 05035 08712 00005 03801 07343 14444 14548 09485 03806 08712 00005	Q 04451 04673 14372 66853 66858 66843 00042 00001 05035 00000 001500 01300 01200 00100 04092 14522 66883 62384 00006 00093 04082 14588 66883 62384 000093 14630 66883 62384 00000 144716 643777 144734 66883 09315 00000	PG/LN 16110 16120 16130 16140 16140 16180 16180 16210 16220 16230 16240 16250 16260 16270 16280 16350 16360 16310 16350 16360 16350 16360 16370 16380 16360 16400 16410 16420	xx3 xx2 xx1	TOD TAMEN TO SEE THE TOD SEE T	SPCOM RXFLAG CANDS D1,DI N40005 N40005 SS2 *+20 *+20 *+20 SX1 XX2 I N40006 CANDS D4,SY I XX4 I I XX4 I I XX4 I I XX4 I I XX4 I I XX9 I XX I XX9 I X I X	,COMSW ,FXDRFL ,*+16 ,ADCDW ,12 ,1 ,RXFLAG ,150 ,6 ,SUB3 ,*+16 ,6 ,3 ,SUB2 ,*+16 ,3 ,*+16 ,5 ,*+16 ,5 ,*+16 ,*+16 ,**+16	,10 ,8 ,10 ,10	/FMBER,	1966	PAGE	30
LOCT 1433 1434 1435 1437 1437 1439 1440 1445 1445 1445 1456 1456 1456 1456 1466 146	N OP	P/L 15577 05035 08712 00005 03801 03801 03801 03801 14444 09485 03801 03802 14614 14548 09485 03806 08712 00005 09485 14672 09485 00005 00005 00005 00005 00005 00005 00005 00005 00005 00005 00005 00005 00005 00005 00005 00005 00005 00005	Q 04451 04673 14372 66853 66858 06843 00012 00001 05035 00000 00150 01300 01200 00006 04092 14522 66883 62384 00006 00003 04082 14588 66883 62384 00006 00003 146588 66883 62384 00001 01200 04082 14588 66883 66883 66883 66883 67888	PG/LN 16110 16110 16120 16130 16140 16160 16170 16180 16210 16220 16230 16240 16250 16260 16270 16380 16340 16340 16340 16340 16440 16450 16440 16470 16480	xx3 xx2 xx1	TOTOMOS TAMENTA TO	SPCOM RXFLAG CANDS D1,DI N40005 N40005 SS2 *+20 *+20 N40005 SR XXX1 XX2 I N40006 CANDS D4,SY I XX4 I N40006 CANDS D4,SY I N40006 D1 CNDS D4,SY I N40006 D1 CNDS D4,SY I N40006 D1 CNDS D4,SY I N40006 D1 CNDS D4,SY I N40006 D1 CNDS D4,SY I N40006 D1 CNDS D4,SY I N40006 D1 CNDS D4,SY I N40006 D1 CNDS D4,SY I N40006 D1 CNDS D4,SY I N40006 D1 CNDS D4,SY I N40006 D1 CNDS D4,SY I N40006 D1 D4,SY I N40006 D1 D4,SY I N40006 D1 D4,SY I N40006 D1 D4,SY I N40006 D1 D4,SY I N40006 D1 D4,SY I N40006 D1 D4,SY I N40006 D1 D4,SY I N40006 D1 D4,SY I N40006 D1 D4,SY I N40006 D1 D4,SY I N40006 D1 D4,SY I N40006 D1 D4,SY I N40006 D1 D4,SY I N40006 D4,SY I D	,COMSW ,FXDRFL ,*+16 ,ADCOW ,12 ,1 ,RXFLAG ,150 ,6 ,SUB3 ,*+16 ,6 ,3 ,SUB2 ,*+16 ,3 ,*+16 ,5 ,5 ,5 ,5 ,5 ,5 ,5 ,5 ,5 ,5 ,5 ,5 ,5	,10 ,8 ,10 ,10	/FMBER,	1966	PAGE	30
LOCT 1433 14345 1437 1437 1437 1440 1442 1445 1445 1445 1445 1456 1457 1456 1457 1463 1463 1463 1463 1466 1467 1467 1471 1473 1476	0 P P P P P P P P P P P P P P P P P P P	P/L 15577 05035 08712 00005 03801 03801 03801 14434 14444 09485 038012 00005 00005 00005 04853 14672 00005	Q 04451 04673 14372 e6863 e6858 06843 00012 00001 05035 00000 00150 01300 01200 00160 04092 14522 e6883 e2384 00006 00003 04082 14568 e6883 e2384 00009 14688 e6883 e2384 00000 14776 e6883 09315 00000 14776 e6883 09315 00000 14776 e6883 09315 00000 14776 e6883 09315 00000	PG/LN 16110 16110 16120 16130 16140 16180 16180 16210 16220 16230 16240 16250 16260 16270 16310 16350 16360 16370 16380 16350 16360 16410 16420 16440 16450 16440 16450 16450 16450 16450	xx3 xx2 xx1	TOD TAMEN TO SET	SPCOM RXFLAG CANDS D1,DI N40005 N40005 SS2 *+20 *+20 *+20 SR XXX1 XX2 I N40006 CANDS D4,SY I XX4 I I XX4 I I XX4 I I XX0 I I XX1 I XX9 I XX1 I XX9 I XX1 I XX9 I XX1 I XX9 I XX1 I XX9 I XX1 XX1	,COMSW ,FXORFL ,*+16 ,ADCOW ,12 ,1 ,RXFLAG ,150 ,6 ,SUB3 ,*+16 ,6 ,3 ,SUB2 ,*+16 ,3 ,*+16 ,5 ,*+16 ,5 ,*+16 ,5 ,*+16 ,5 ,*+16 ,5 ,*+16	,10 ,8 ,10 ,10	/FMBER,	1966	PAGE	30
LOCT 1433 1434 1435 1437 1437 1447 1448 1445 1457 1457 1457 1456 1457 1466 1467 1468 1469 1477 1479 1477 1479 1479 1482	0 OP	P/L 15577 05035 08712 00005 038011 03801 07343 14444 09485 03806 08712 00005 00005 00005 00005 00005 00005 00005 00005 00005 04853 15394 06853 15394 00005	Q 04451 04673 14372 66853 66858 66858 66843 000+2 00001 05035 00000 01500 01200 00196 04092 14522 66883 62384 00006 00093 04082 14588 66883 62384 000093 14630 66883 62384 00000 14716 62377 14734 66883 09315 00000 14776 66853 14794 66853 14794 66853 14794 66858	PG/LN 16110 16110 16120 16130 16140 16140 16180 16210 16220 16230 16240 16250 16260 16270 16280 16310 16350 16360 16310 16340 16350 16360 16410 16400 16410 16400 16410 16450 16450 16450 16450 16550 16550 16550	xx3 xx2 xx1 xx4	TOD MAD TAMBER ATTERD SEATTERD SEATTERD SEATTERD SEATTERD SEATTERD SEATTERD SEATTERD SEATTERD BURNA BURNA BERNAMAN MAMMAR MAMAR MAMMAR MAMAMAR MAMMAR MAMMAMAR MAMAMAR MAMMAR MAMMAR MAMMAR MAMMAR MAMMAR MAMMAR MAMMAR MAM	SPCOM RXFLAG CANDS D1,DI N40005 N40005 SS2 *+20 *+20 *+20 SR XXX1 XX2 I N40006 CANDS D4,SY I XX4 I I N40006 CANDS D4,SY I XX4 I I XX4 CANDS D4,SY I XX9 I X XX9 I XX I XX9 I XX9 I XX9 I XX9 I XX9 I XX9 I XX I XX9 I XX9 I XX9 I XX I XX I XX9 I XX I XX9 I XX I XX I XX9 I XX I XX9 I XX I I XX I XX I XX I XX I XX I XX I XX I XX I XX I X I X I XX I X I X I X I X I X I X I X I I X I	,COMSW ,FXDRFL ,*+16 ,ADCDW ,12 ,1 ,RXFLAG ,150 ,6 ,SUB3 ,*+16 ,6 ,3 ,SUB2 ,*+16 ,3 ,*+16 ,5 ,*+16 ,5 ,*+16 ,*+16 ,*+16 ,*+16 ,*+16 ,*+16 ,*+16 ,*+16 ,*+16	,10 ,8 ,10 ,10 ,10 ,10	/FMBER,	1966	PAGE	30
LOCT T 1433 1434 1435 1437 1437 1438 1448 1445 1445 1445 1455 1456 1456 1466 1467 1468 1468 1466 1467 1468 1468 1467 1471 1473 1476 1477 1479 1479 1478 1478 1482 1488 1488	N OP	P/L 15577 05035 08712 00005 03801 03801 03803 14444 09485 03801 4548 09485 03806 08712 00005 00485 03005 00485 00005 00485 00005 00485 00005	Q 04451 04673 14372 e6863 e6868 e6868 00042 00001 05035 00000 00150 01300 01200 00160 04092 14522 e6883 e2384 00066 00093 04082 14588 e6883 e2384 00066 00093 14630 e6883 e2384 00072 e0001 01200 14588 e6883 e7384 00072 e0001 01200 14776 e6853 14774 e6853 14774 e6858 09150 001300 01200 14848 e6868	PG/LN 16110 16110 16120 16130 16140 16160 16170 16200 16210 16220 16230 16240 16250 16260 16270 16310 16320 16340 16340 16350 16360 16410 16420 16480 16470 16480 16470 16480 16550 16550 16550 16550	xx3 xx2 xx1	TOD TO THAT BOTH TO THE TOTAL THAT BOTH THE THAT BOTH THE TOTAL THAT BOTH THE TOTAL THE THAT BOTH THE THE THE THE THE THE THE THE THE T	SPCOM RXFLAG CANDS D1,DI N40005 N40005 SS2 *+20 N40005 SR XXX1 XX2 I N40006 CANDS D4,SY I I XX4 I I N40006 CANDS D4,SY I I XX4 I I N40006 CANDS D4,SY I I I I I I I I I I I I I I I I I I I	,COMSW ,FXDRFL ,*+16 ,ADCOW ,12 ,1 ,RXFLAG ,150 ,6 ,SUB3 ,*+16 ,6 ,3 ,SUB2 ,*+16 ,3 ,*+16 ,5 ,5 ,5 ,4 ,4 ,1 ,4 ,4 ,1 ,4 ,4 ,4 ,4 ,4 ,4 ,4 ,4 ,4 ,4 ,4 ,4 ,4	,10 ,8 ,10 ,10 ,10 ,10	/FMBER,	1966	PAGE	30
LOCT 1433 1434 1435 1437 1447 1448 1445 1456 1457 1456 1457 1456 1457 1456 1457 1456 1457 1456 1457 1456 1457 1456 1457 1456 1457 1456 1457 1456 1457 1456 1457 1456 1457 1456 1457 1456 1457 1457 1477 1477 1477 1477 1477 1477	OP O	P/L 15577 05035 08712 00005 03801 07343 14444 03483 14444 09485 03806 08712 00005 00005 00005 04855 14672 09485 00005 04855 14672 08712 00005 00005 04850 00005 04850 00005 04850 00005 04850 06853 14672 08712 08005 00005 04850 00005 04850 06853 08005 06853 08005 08018 08005 08018 08005 08018 08005 08018 08005 08018	Q 04451 04673 14372 66853 66858 668643 00042 00001 05035 00000 011500 01200 001200 00492 14522 66883 62384 00006 00093 04082 14588 66883 62384 000093 14630 66883 62384 00001 01200 14688 66883 62384 00001 101200 14688 66883 62384 04072 60001 101200 14688 66883 67384 66883 67385 14774 66883 14774 66883 14774 66883 14774 66883 14774 66883 14774 66883 14774 66883 14774 66883 14774 66883 14774 66883 14774 66883 14774 66883 14774 66883 14774 66883 14774 66883 14774 66883 14774 66883	PG/LN 16110 16110 16120 16130 16140 16160 16170 16210 16220 16230 16240 16250 16260 16270 16280 16310 16320 16340 16340 16340 16360 16370 16380 16340 16440 16450 16470 16480 16470 16480 16470 16480 16470 16550	xx3 xx2 xx1 xx4	TOD TAMEN TO SEA	SPCOM RXFLAG CANDS D1,DI N40005 N40005 SS2 *+20 *+20 N40005 SR XXX1 IN40006 CANDS D4,SY I XX4 I N40006 CANDS D4,SY I I XX4 I I N40006 CANDS D4,SY I I XXA I I N40006 CANDS D4,SY I I XXA I I I I I I I I I I I I I I I I	,COMSW ,FXDRFL ,*+16 ,ADCDW ,12 ,1 ,RXFLAG ,150 ,6 ,SUB3 ,*+16 ,6 ,3 ,SUB2 ,*+16 ,3 ,*+16 ,5 ,*+16 ,5 ,*+16 ,*+16 ,*+16 ,*+16 ,*+16 ,*+16 ,*+16 ,*+16 ,*+16	,10 ,8 ,10 ,10 ,10 ,10	/FMBER,	1966		30

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LOCTN	OP	P/L	Q	PG/LN	LABEL	MNEM	OPERANDS AND	REMARKS					
14888 14890 14906	17	00005 08712 00005	0 6868 1 4906 0 6873	16610 16620 16630	XX5	DSA BTM DSA	DJ CANDS D3,DK	, *+16					
14911 14912 14928	17	00005 08102 00005	06878 14928 06873	16640 16650		BTM DSA	PUTD D3	,*+16					
14930 14946	17	08018 00005	1 4946 0 6878	16660 16670		BTM DSA	PUTC .	, *+16					
14948 14960	15 17	02265	00001 14976	16680	CDSSS1 CDS1V	BTM	UFSTR+2 PUTRM	,1 ,*+16					
14976 14978 14990	15 44	00005 09599 15044	±5497 00000 09315	16700 16710 16720		DSA TDM BNF	ZRM SKIPSW QZP	,0 ,101					
15002 15014	12 17	09485 05510	000 0 1 15030	16730 16740		SM BTM	I RMNS	,1 ,*+16	, 1				
15030 15035		00005	0 9485 0 9481	16750		DSA	I,ST		,				
15036 15044 15044	49 17	12008 05540	00000 1 5060	16760 16770 16780	ΩZP	B DORG BTM	CD14B *-3 GTNS	* . 14					
15060	11	00005	9 9485 9 9481	16790	WZF	DSA	I,ST	,*+16					
15066 15078	12 14	09485 09481	00001 00133	16800 16810		SM CM	I ST	,1 ,133	, 10 , 8	n			
15090 15102	47 25 15	15188 05025 09325	01200 05035	16820		BNE TD	CDS1T RFLAG	RXFLAG					
15114 15126 15142	17	06898 00005	0000 1 1 5142 0 9333	16840 16850 16860		TDM BTM DSA	RSW PUTX TF,FACAD,N130	,1 ,*+16	, 1	1			
15147 15152		00005 00005	0 4232 0 9357										
15154 15170 15175	17	05570 00005 00005	±5170 +9485 +9469	16870 16880		DSA	RPNS I,FAC	, *+16					
15176 15188	17 44	05830 15212	0 3206 09314	16890 16900	CDS1T	BTM BNF	GNRP *+24	,EXIT					
15200 15212	17 43	05830 15244	15212 09320	16910 16920		BTM BD	GNRP *+32	,*+12 ,CALLSW					
15224 15236 15244	16 49	04493 15256	000 2 7 00000	16930		TFM B DORG	OPX *+20	,27	, 10)			
15244 15256	16 17	04493 06898	000 1 7 1 5272	16950 16960 16970		TFM BTM	OPX PUTX	,17 ,*+16	,10) •			
15272 15277		00005 00005	04493 04227	16980		DSA	OPX, TOFAC, N13						
15282 15284	17	00005 05570	0 9357 1 5300	16990		втм	RPNS	,*+16					
15300 15305 15306	15	00005 00005 09314	0 9485 0 9469 0000 1	17000		DSA TDM	I,FAC FSW	1	,				
15318 15330	25 43	05095 15350	05035 09320	17020 17030		TD BD	FLAGSW *+20	,1 ,RXFLAG ,CALLSW	, 11	L			
15342 15350	49 17	03206 05830	₽5362	17040 17050		B7 BTM	EXIT GNRP	,*+12					
15362 15374 15386	12 32 49	09575 0957 5 03206	000 0 1 00000	17060 17070 17080		SM SF B7	GBASE EXIT	,1	,10)		,	22
*****	OP	SECOND P/L	PASS FORTRAN	II PG/LN	LABEL	MNEM	OPERANDS AND	REMARKS		NUVEMBER, 1966	Р	AGF	32
LOCTN 15394 15406	0P 15 43	P/L 15448 15426		PG/LN 17090 17100	LABEL CDS1FP	TDM BD	FXIOSW,O *+20,RXFLAG	REMARKS		NUVEMBER, 1966	Р	AGF	32
LOCTN 15394 15406 15418 15426	OP 15 43 49 44	P/L 15448 15426 15450 15450	0 00000 05035 09315	PG/LN 17090 17100 17110 17120		TDM BD B7 BNF	FXIOSW,0 *+20,RXFLAG PATSB2 *+24,101	REMARKS		NUVEMBER, 1966	Р	AGF	32
LOCTN 15394 15406 15418	0P 15 43 49	P/L 15448 15426 15450	0 00000 05035	PG/LN 17090 17100 17110 17120 17130 17140	CDS1FP FXIOSW	TDM BD B7 BNF TDM DS	FXIOSW,0 *+20,RXFLAG PATSB2 *+24,I01 FXIOSW,-1 ,*-1	REMARKS		NUVFMBER, 1966	Р	AGF	32
LOCTN 15394 15406 15418 15426 15438 15448 15450 15462 15474	OP 15 43 49 44 15 44 43 15	P/L 15448 15426 15450 15450 15448 00000 15498 14672 09597	0 00000 05035 09315 0000 1 02377 15448 0000 1	PG/LN 17090 17100 17110 17120 17130 17140 17150 17160 17170	CDS1FP	TDM BD B7 BNF TDM DS BNF BD TDM	FXIOSW,0 *+20,RXFLAG PATSB2 *+24,IO1 FXIOSW,-1 ,*-1 CDS12,SX XX4,FXIOSW FPSW,-1	REMARKS		NUVEMBER, 1966	Р	AGF	32
LOCTN 15394 15406 15418 15426 15438 15450 15462 15474 15486 15486	OP 15 43 49 44 15 44 43 15 33	P/L 15448 15426 15450 15450 15448 00000 15498 14672 09597 02377 00002	0 00000 05035 09315 0000± 02377 15448 0000± 00000	PG/LN 17090 17100 17110 17120 17130 17140 17150 17160 17170 17180 17190	CDS1FP FXIOSW PATSB2 ZRM	TDM BD B7 BNF TDM DS BNF BD TDM CF DC	FXINSW,0 *+20,RXFLAG PATSB2 *+24,I01 FXINSW,-1 ,*-1 CDS1Z,SX XX4,FXINSW FPSW,-1 SX2,0,*			NUVFMBER, 1966	Р	AGF	32
LOCTN 153 94 154 06 154 18 154 26 154 38 154 50 154 62 154 74 154 86 154 7 154 97 154 98 155 10	0P 15 43 49 44 15 43 15 33 43 649	P/L 15448 15426 15450 15450 15458 00000 15498 14672 09597 02377 00002 15530 06891 15542	0 00000 05035 09315 0000 1 02377 15448 0000 1 00000	PG/LN 17090 17110 17110 17120 17130 17140 17150 17160 17170 17180 17190 17210 17210	CDS1FP FXIOSW PATSB2	TDM BD B7 BNF TDM DS BNF BD TDM CF	FXIOSW,0 *+20,RXFLAG PATSB2 *+24,IO1 FXIOSW,-1 ,*-1 COS1Z,SX XX4,FXIOSW FPSW,-1 SX	REMARKS ,RXFLAG ,FP2		NUVEMBER, 1966	P	AGF	32
LUCTN 153494 154418 15426 15438 15448 15446 15446 15447 154897 155498 155522 15530	0P 15349 44415 4431533 436946615	P/L 15448 15426 15450 15450 15458 00000 15498 14672 09597 02377 00002 15530 15542 06891 07343	0 00000 05035 09315 0000± 02377 15448 0000± 00000 05035 02298	PG/LN 17090 17100 17110 171120 171130 171140 171150 171160 1711780 171190 17210 17220 17230 17240	CDS1FP FXIOSW PATSB2 ZRM	TDM BD B7 BNF TDM DS BNF BD TDM CF DC BD TF TF TDM	FXINSW,0 *+20,RXFLAG PATSB2 *+24,101 FXINSW,-1 ,*-1 CDS1Z,SX XX4,FXINSW FPSW,-1 SX Z,@,** *+32 L CDS1S CDS1Z,SX	,RXFLAG ,FP2 ,K		NUVEMBER, 1966	P	AGF	32
153 94 154 06 154 18 154 28 154 28 154 52 154 62 154 62 154 74 154 97 154 98 155 10 155 22 155 30 155 54 155 66 155 75	0P 15 43 49 44 15 43 15 33 43 49 49 49 49 49 49 49 49 49 49 49 49 49	P/L 15448 15426 15450 15450 15448 00000 15448 14672 09597 02377 00002 15530 06891 07343 06883 00095	0 00000 05035 09315 0000± 02377 15448 00000 05035 02298 02298 02252 00000 06891 00000	PG/LN 17090 17100 17110 17120 17130 17140 17150 17160 17170 17180 17190 17210 17220 17230 17240 17256	CDS1FP FXIOSW PATSB2 ZRM CDS1Z	TDM BD B7 BNF TDM DS BNF BD TDM CF DC BD TDM TDM TDM	FXINSW,0 *+20,RXFLAG PATSB2 *+24,101 FXINSW,-1 ;*-1 CDS12,SX XX4,FXINSW FPSW,-1 SX 2,0,** *+32 L CDS1S L SS2 D4	,RXFLAG ,FP2 ,K		NUVFMBER, 1966	Р	AGF	32
153 94 154 06 154 18 154 26 154 28 154 46 154 56 154 62 154 76 154 96 155 10 155 22 155 30 155 54 155 64 155 77 155 78	OP 1543 4944 15 443 1533 4326 496 1523 32 2643	P/L 15448 15426 15450 15450 15448 00000 15448 14672 09597 00002 15530 06891 07343 06883 00095 00000 06883	0 00000 05035 09315 0000± 02377 15448 0000± 00000 05035 02298 02252 00000 06891 00009 09597	PG/LN 17090 17110 17120 17120 17130 17140 17150 17170 17210 17220 17220 17220 17250 17250 17270 17280	EXIOSW PATSB2 ZRM CDS1Z CDS1S	TDM BD7 BNF TDM DSNF BDDM CF DBD TFDM M SF TDM SF TDM SF TDM	FXINSW,0 *+20,RXFLAG PATSB2 *+24,101 FXINSW,-1 ,-1 CDS12,SX XX4,FXINSW FPSW,-1 SX 2,@,** *+32 L CDS1S L SS2 D4 95 ,* D4 *+36,FPSW	,RXFLAG ,FP2 ,K		NUVEMBER, 1966	P	AGF	32
153 94 154 06 154 18 154 26 154 28 154 26 154 52 154 62 154 62 154 98 155 10 155 52 155 54 155 56 155 57 155 56 155 77 155 78	0P 15 43 49 44 15 44 43 133 43 26 15 23 22 26 43 21 26	P/L 15448 15426 15450 15450 15458 00000 15498 00002 15530 06891 15542 06891 07343 00095 00088 06883 15626 06883	0 00000 05035 09315 0000± 02377 15448 0000± 00000 05035 02252 00000 0.8891 00000 00099 09597 02377 06883	PG/LN 17090 17110 17110 17110 17120 17130 17140 17150 17180 17200 17230 17220 17230 17250 17270 17270 17270 17270 17300 17300 17310	EXIOSW PATSB2 ZRM CDS1Z CDS1S	TDM B7 BNF TDM BD BNF DC BTDM CF BD BTDM CF BTDM SFS TDM M SFS TDM A SFS TFBD	FXIOSW,0 *+20,RXFLAG PATSB2 *+24,101 FXIOSW,-1 ;*-1 CDS1Z,SX XX4,FXIOSW FPSW,-1 SX 2,a,** *+32 CDS1S L SS2 D4 *+36,FPSW D4,5X SY,D4	,RXFLAG ,FP2 ,K ,0 ,L		NUVEMBER, 1966	P	AGF	32
15394 15406 15418 15426 15428 15459 15462 1547 15462 1547 15549 15512 15554 15554 15557 15577 15578 15590 15622 16530	0P 1543 4944 15 44315 33 43649 26523 2643 21	P/L 15448 15426 15450 15450 15448 00000 09597 02377 02377 02377 02377 02377 02377 02377 02377 02377 02377 02377 02377 02373 06883 00095 00000 06883 00095 00000 06883 00095 00000 06883	0 00000 05035 09315 0000± 02377 15448 0000± 00000 05035 02298 02252 00000 06891 00000 00099 09597 02377	PG/LN 17090 17110 17110 17110 17120 17130 17150 17160 17170 17180 17210 17220 17220 17240 17250 17250 17270 17280 17270 17280 17290 17290 17290 17210 17280	EXIOSW PATSB2 ZRM CDS1Z CDS1S SPCOM	T BD B T B T B T B T B T B T B T B T B T	FXIOSW,0 *+20,RXFLAG PATSB2 *+24,IO1 FXIOSW,-1 ,*-1 CDS1Z,5X XX4,FXIOSW FPSW,-1 SX 2,0,** *+32 L CDS1S L SS2 D4 95 ,** P5 P5 P5 P5 P5 P5 P5 P5 P5 P5	,RXFLAG ,FP2 ,K ,0 ,L		NUVEMBER, 1966	P	AGF	
153 94 15406 154 18 15426 15438 15446 15450 15462 15474 15498 15510 15522 15530 15554 15554 15554 15564 15564 15564 15626 15636	0P 1543 494415 4443133 43626 15232 26431 2644	P/L 15448 15426 15450 15448 00000 015498 14672 09597 02377 00002 15530 06891 07343 06883 00095 00000 06883 15626 06883 02384 15650 06891 00000 07342	0 00000 05035 09315 00001 02377 15448 00001 00000 05035 02298 02252 00000 0.8891 00000 00099 09597 02377 06883 15448 00021	PG/LN 17090 17110 17110 17110 17120 17130 17150 17160 17170 17180 17210 17220 17220 17240 17250 17250 17270 17280 17270 17280 17290 17290 17290 17210 17280	EXIOSW PATSB2 ZRM CDS1Z CDS1S	TDM B7 BNF TDM BND BNF TDC BDF TFD M SF TDM SF TDM AF BD TFD TDM TDM TDM TDM TDM TDM TDM TDM TDM TD	FXINSW,0 *+20,RXFLAG PATSB2 *+24,101 FXINSW,-1 ,*-1 FXINSW,-1 SX XX4,FXINSW FPSW,-1 SX 2,a).* *+32 L CONSIS L SS2 D4 95 ,* D4 44,5X SY,04 SY,04 FXINSW	,RXFLAG ,FP2 ,K ,0 ,L		NUVEMBER, 1966	P	AGF	32
153 94 154 06 154 18 154 26 154 38 154 48 154 50 154 62 154 74 154 98 155 10 155 52 155 54 155 56 155 57 155 56 155 77 155 78 155 160 156 12 156 12 1	0P 1543 494 15 443 1533 436 496 1523 2643 126 444 32 15	P/L 15448 15426 15450 15448 00000 15498 14672 09597 02377 00002 15530 06891 15542 06893 00095 00000 06883 15626 06883 02384 15650 06883 02384 00000 07342 06898	0 00000 05035 09315 00001 02377 15448 00001 00000 05035 02298 02252 00000 08891 00000 00099 09597 02377 06883 15448 00021 00001 15678 09337 66858	PG/LN 17090 17110 17110 17110 171130 171140 171150 171160 171170 171180 17210 17210 17220 17230 17240 17250 17260 17280 17280 17280 17280 17310 17310 17310 17320 17330 17340 17350	EXIOSW PATSB2 ZRM CDS1Z CDS1S SPCOM	TDM BD B7 BNDM DS BD TDM CF BD TF TDM SF DS FBD TF BD TF BD TF BD TF BD TF BD TF BD TF BD TF BD TDM SF BD TDM SF BD TDM SF BD BD TDM SF BD BD BD BD BD BD BD BD BD BD BD BD BD	FXIOSW, 0 *+20,RXFLAG PATSB2 *+24,101 FXIOSW,-1 ;*-1 CDS12,5X XX4,FXIOSW FPSW,-1 SX *+32 L CDS1S L SS2 D4 95 ;* PSW +36,FPSW D4,5X SY,04 *+24,FXIOSW L,21,10 **	,RXFLAG ,FP2 ,K ,0 ,L		NUVEMBER, 1966	P	AGF	32
15394 15406 15418 15426 15428 15459 15462 15474 15486 15512 15577 15542 15557 15564 15564 15564 15564 15564 15564 15564 15564 15564 15664 15662 15662 15668 15688 15688	OP 15349 44415 443533 4369 26615332 26432 216444 32 157	P/L 15448 15426 15450 15448 00000 15498 14672 009597 02377 02377 02377 02377 02378 000891 15542 06883 00095 00000 06883 02384 15626 06883 02384 15650 00000 07342 06898 00005	0 00000 05035 09315 00001 02377 15448 00001 00000 05035 02298 02252 00000 06891 00000 00099 09997 02377 06883 15448 00021 00001 15678 99337 06858 66891 09597	PG/LN 17090 17110 17110 17110 17120 17130 17140 17150 17170 17180 17200 17210 17220 17240 17250 17240 17270 17280 17280 17280 17310 17310 17310 17310 17320 17330 17340 17370	EXIOSW PATSB2 ZRM CDS1Z CDS1S SPCOM	TDM BD B7 BDD B7 BDDM DSNF DDB BD DTF DB BD TFDM M SF SF DTDM BD	FXIOSW, 0 *+20,RXFLAG PATSB2 *+24,IO1 FXIOSW,-1 ,*-1 CDS1Z,5X X44,FXIOSW FPSW,-1 SX 2,0,** *+32 L CDS1S L SS2 D4 95 ,** D4,5X SY,D4 *+24,FXIOSW FPSW +136,FPSW D4,5X SY,D4 *+24,FXIOSW FPSW PM,D1 PM,	,RXFLAG ,FP2 ,K ,0 ,L			P	AGF	32
153 94 15406 15418 15426 15438 15446 15450 15462 15474 15522 15530 15522 15530 15554 15554 15564 15564 15564 15564 15626 15636 15626 15636 15649 15662 15688 15688 15688 15688 15688 15690 15726	OP 153 49 445 4435 3 436 496 123 2 263 216 443 2 157 446 435	P/L 15448 15426 15450 15448 00000 015498 14672 09597 02377 00002 15530 06891 07343 06883 00955 00000 06883 15626 06883 02384 15650 00005 00005 15786	0 00000 05035 09315 00001 02377 15448 00001 00000 05035 02298 02252 00000 08891 00000 00099 09597 02377 06883 15448 00001	PG/LN 17090 17110 17110 17110 17120 17130 17140 17150 17180 17200 17220 17230 17220 17230 17250 17250 17250 17270 17280 17270 17310 17320 17330 17340 17370 17380 17370	EXIOSW PATSB2 ZRM CDS1Z CDS1S SPCOM	TOM BO BO BO BO BO BO BO BO BO BO BO BO BO	FXIOSW,0 *+20,RXFLAG PATSB2 *+24,IO1 FXIOSW,-1 ;*-1 CDS1Z,SX XX4,FXIOSW FPSW,-1 SX 2,0,* *+32 CDS1S L CDS1S L SS2 D4 *+36,FPSW D4,SX SY,D4 *+24,FXIOSW FPSW,-1 ;* PATSB0,FPSW OPJ ** SS2,1	,RXFLAG ,FP2 ,K ,0 ,L	,10		P	AGF	32
153 94 154 06 154 18 154 26 154 38 154 48 154 50 154 62 154 74 154 86 155 10 155 22 155 30 155 54 155 16 155 16 155 16 156 16 16 16 16 16 16 16 16 16 16 16 16 16 1	OP 153 449 445 443 153 33 436 445 265 232 263 2126 443 215 215 216 443 215 216 444 215 216 216 216 216 216 216 216 216 216 216	P/L 15448 15426 15450 15448 00000 15498 14672 09597 02377 00002 15530 06891 15542 06893 00095 00000 06883 05891 00005 00005 00005 15786 15649 15786 17343 06898	0 00000 05035 09315 00001 02377 15448 00001 00000 05035 02298 02252 00000 08891 00000 00099 09597 02377 06883 15448 00021 00001 15678 09337 068891 00001 15577 00001 15577 00001 155678	PG/LN 17090 17110 17110 17110 171130 171140 171150 171160 171170 17180 17210 17220 17230 17250 17280 17250 17280 17310 17310 17310 17310 17350 17360 17370	EXIOSW PATSB2 ZRM CDS1Z CDS1S SPCOM	TDM BD B7 BDD B7 BDD BNF BDD BNF BDD BNF BBD BNF	FXIOSW, 0 *+20,RXFLAG PATSB2 *+24,IO1 FXIOSW,-1 ,*-1 CDS1Z,5X XX4,FXIOSW FPSW,-1 SX 2,0,* *+32 L CDS1S L SS2 D4 95 95 ,* D4 *+36,FPSW D4,5X SY,D4 *+24,FXIOSW L,21,10 ,* SS1 PUTX MM,D1,L PATSB0,FPSW OPJ *+24,SPCOM	,RXFLAG ,FP2 ,K ,0 ,L	,10		P	AGF	32
153 94 154 06 154 18 154 26 154 28 154 46 154 56 154 62 154 74 155 10 155 52 155 70 155 77 155 78 155 77 155 78 155 60 156 02 156 73 156 02 156 73 156 74 157 76 157 76 157 76 157 76 157 78	OP 153 49 445 4435 3 436 496 123 2 263 216 443 2 157 446 435	P/L 15448 15426 15450 15448 00000 15498 14672 09597 02377 00002 15530 06891 07343 06883 00095 00000 07342 06898 00005 00005 15786 15649 00005 00005	0 00000 05035 09315 00001 02377 15448 00001 00000 05035 02298 02252 00000 06891 00000 00099 09597 02377 06883 15448 00021 00001 15578 00081 15577 00001 15577	PG/LN 17090 17110 17110 17110 17110 17110 17110 17110 17110 17110 17110 17110 17110 17110 17110 17110 17110 1720 172	EXIOSW PATSB2 ZRM CDS1Z CDS1S SPCOM	TOM BOT SET TO S	FXINSW.O *+20,RXFLAG PATSB2 *+24,I01 FXINSW1 ,*-1 CDS17,5X X44,FXINSW FPSW,-1 S2,0,* *+32 L CDS1S L SS2 D4 95 ,* D4,5X SY,D4 *+36,FPSW D4,5X SY,D4 **+24,FXINSW L,21,10 ,* SS1 PUTX,* *+24,SPCOM SS2,1 PATSB0,FPSW OPJ *+24,SPCOM SS2,1 PUTX,*+16	,RXFLAG ,FP2 ,K ,O ,L ,99	,10		P	AGF	32
153 94 15406 15418 15426 15438 15448 15450 15462 15474 15498 15510 15522 15530 15522 15530 15522 15530 15624 15564 15564 15564 15626 15638 15649 15662 15678 15688 15688 15688 15690 15738 15786 15786 15786 15786 15786 15786 15786	0 P 1 5 4 3 4 4 4 4 5 5 3 3 4 3 6 4 9 6 2 6 5 3 2 2 6 3 2 1 5 7 4 6 6 3 5 1 7 4 4 6 4 3 5 1 7 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 5 1 5 1	P/L 15448 15426 15450 15448 00000 15498 14672 09597 02377 00002 15530 06891 07343 06883 00955 00000 07342 06883 02384 15650 007342 06898 00005 00005 15786 07343 06898 00005	0 00000 05035 09315 00001 02377 15448 00001 00000 05035 02298 02252 00000 0.8891 00000 00099 09597 02377 06883 15448 00021 05078 06883 16448 00021 15577 00001 15577 00001 15774 155649 09357 02377 00001	PG/LN 17090 17110 17110 17110 17120 17130 17140 17150 17180 17200 17210 17220 17230 17220 17230 17240 17250 17270 17280 17270 17280 17270 17380 17370 17380 17370 17380 17340 17370 17380 17370	EXIOSW PATSB2 ZRM CDS1Z CDS1S SPCOM	TOM BO B	FXIOSW, 0 *+20,RXFLAG PATSB2 *+24,IO1 FXIOSW,-1 ;*-1 CDS17,SX XX4,FXIOSW FPSW,-1 SX 2,0,** *+32 CDS1S L CDS1S L SS2 D4 *+36,FPSW D4,SX SY,D4 *+24,FXIOSW PUTX MM,DI,L PATSB0,FPSW OPJ,SPCM SS2,1 PUTX,*+16 OPJ,N13092,SX	,RXFLAG ,FP2 ,K ,0 ,L	,10		P	AGF	32
153 94 154 06 154 18 154 26 154 38 154 48 154 50 154 62 154 74 154 86 155 90 155 22 155 36 155 64 155 78 155 64 155 78 156 62 156 78 156 88 156 88 156 88 156 88 157 88 15	OP 14394445 44353 436961532 263126442 117 446357 117 4464554 117	P/L 15448 15426 15450 15448 00000 15498 14672 09597 02377 00002 15530 06883 00955 00000 06881 15542 06898 00005 00005 15786 15649 15786 15649 15743 06898 00005 15786 00005 157842 15810 00045	0 00000 05035 09315 00001 02377 15448 00001 00000 05035 02298 02252 00000 06891 00000 00099 09597 02377 06883 15448 00021 00001 15678 09337 068891 00001 15577 00001 15754 15649 09357 0021 15448 00001 15577 09597	PG/LN 17090 17110 17110 17110 17120 17130 17140 17140 17180 17220 17230 17220 17230 17220 17230 17220 17230 17240 17250 17270 17280 17290 17310 17320 17340 17370 17380 17390 17370 17340 17370 17340 17370	EXIOSW PATSB2 ZRM CDS1Z CDS1S SPCOM	THE TOTAL TO	FXIOSW, 0 *+20,RXFLAG PATSB2 *+24,IO1 FXIOSW,-1 ,*-1 CDS1Z,5X XX4,FXIOSW FPSW,-1 SX 2,0,** *+32 L CDS1S L SS2 D4 *5 P5 ,** D4 *5 SY,04 *436,FPSW D4,5X SY,04 *436,FPSW D4,5X SY,10 ,** PUTX MM,DI,L PATSB0,FPSW OPJ **24,SPCOM SS2,1 PUTX,*+16 OPJ,N13092,SX PPJA JARNOT **24,FXIOSW SS4,1 JARNOT *5,4,1 JARNOT,SY	,RXFLAG ,FP2 ,K ,0 ,L ,99 ,1 ,*+16			P	AGF	32
153 94 15406 15418 15426 15438 15446 15450 15462 15474 15564 15577 15578 15564 15564 15564 15564 15564 15564 15564 15564 15626 15638 15649 15662 15678 15688 15688 15688 15714 15726 15738	0 P 1 5 3 4 4 4 4 5 4 4 3 5 3 4 3 6 4 9 4 4 5 1 5 7 4 4 6 6 3 1 5 7 4 4 6 6 3 1 5 7 4 4 6 6 3 1 5 7 4 6 7 6 7 6 7 6 7 6 7 6 7 6 7 6 7 6 7	P/L 15448 15426 15450 15448 00000 15498 14672 09597 02377 00002 15530 06891 07343 06883 00095 00005 00005 00005 15788 00005 00005 15788 00005 00005 15788 00005 00005 15788 15649 157342 15649 15714	0 00000 05035 09315 00001 02377 15448 00001 00000 05035 02298 02252 00000 06891 00000 00099 09597 02377 06883 15448 00021 00001 15678 69337 6858 66891 09597 00021 15577 00001 15754 15649 69357 09357 09357	PG/LN 17090 17110 17110 17110 17110 17110 17110 17110 17110 17110 17110 17110 17110 17110 17110 17110 17210 17210 17210 17210 17220 17240 17270 17280 17280 17280 17310 17320 17330 17340 17370 17380 17370 17380 17390 17410 17420 17430	EXIOSW PATSB2 ZRM CDS1Z CDS1S SPCOM	TOM BO 7 BO 7 BO 8	FXIOSW, 0 *+20,RXFLAG PATSB2 *+24,IO1 FXIOSW, -1 FXIOSW, -1 FXIOSW, -1 FXIOSW, -1 FXIOSW, -1 FXIOSW FPSW, -1 SX 2,0,* *+32 L CNSIS L SS2 P4 95 95 95 96 97 97 98 98 99 99 99 99 99 99 99 99 99 99 99	,RXFLAG ,FP2 ,K ,O ,L ,99	,10		P	AGF	32
153 94 15406 15418 15426 15438 15448 15450 15462 15474 15498 15510 15522 15577 15578 15564 15564 15564 15564 15662 15678 15688 15688 15688 15688 15788	OP 14394445 44353 436961532 243126442 117 44645117 4394415 4464224	P/L 15448 15426 15450 15448 00000 15498 14672 09597 02377 00002 15530 06891 07343 06883 00095 00005 06883 02384 15650 00005 00005 15786 00005 15786 00005 15786 00005 15786 00005 15786 00005 15786 00005 15786 00005	0 00000 05035 09315 00001 02377 15448 00001 00000 05035 02298 02252 00000 08891 00000 00099 09597 02377 06883 15448 00001 15577 00001 15577 00001 15754 15448 00001 02384 00001 02384 00001	PG/LN 17090 17110 17110 17110 17110 17120 17130 17140 17140 17220 17230 17220 17230 17220 17230 17220 17230 17240 17250 17270 17270 17380 17390 17340 17370 17380 17340 17370 17380 17340 17370 17380 17370 17410 17420 17440 17470 17440 17450 17480 17490 17470 17480 17490 17450 17450	EXIOSW PATSB2 ZRM CDS1Z CDS1S SPCOM OPJ ZPT PATSB0	THE THE PROPERTY OF THE PROPER	FXIOSW, 0 *+20,RXFL AG PATSB2 *+24,IO1 FXIOSW,-1 ,*-1 CDS1Z,5X XX4,FXIOSW FPSW,-1 SX 2,0,** *+32 L CDS1S L SS2 D4 ** ** ** ** ** ** ** ** ** ** ** ** **	,RXFLAG ,FP2 ,K ,0 ,L ,99 ,1 ,*+16			P	AGF	32
153 94 154 06 154 18 154 26 154 18 154 56 154 58 154 56 154 62 154 74 155 56 155 52 155 56 155 57 155 56 155 62 155 62 156 62 156 62 156 76 156 62 156 76 156 76 156 76 156 76 156 76 157 76 15	P 14394445 44353 43696532 643126442 117 4463517 44944544244349	P/L 15448 15426 15450 15448 00000 15498 14672 09597 02377 00002 15530 06883 00095 070000 06881 07342 06888 00005 00005 15786 00005 00005 15786 00005 15786 15649 15738 06888 15649 15738 15922 15842 15848 15898 00005	0 00000 05035 09315 00001 02377 15448 00001 00000 05035 02298 02252 00000 06891 00000 00099 09597 02377 06883 15448 00021 00001 15678 09597 00021 15577 00001 157754 15448 00001 02384 0001 02384 0001 02384 00001	PG/LN 17090 17110 17110 17110 17110 17120 17130 17140 17150 17180 17220 17220 17220 17220 17220 17220 17220 17220 17230 17240 17270 17280 17290 17310 17320 17330 17340 17370 17380 17390 17400 17410 17420 17440 17440 17450 17460 17470 17480 17480 17480 17480 17480 17450 17450 17450 17550 17550	EXIOSW PATSB2 ZRM CDS1Z CDS1S SPCOM OPJ ZPT PATSB0 JARNDT D4LNEG	THE TOTAL PARTY OF THE PARTY OF	FXIOSW, 0 *+20,RXFL AG PATSB2 *+24,IO1 FXIOSW, -1 ; *-1 CDS17,5X *+32 L CDS1S L SS2 D4 *5 *5 *6 P5 *7 P14 **36,FPSW P14,SX SY,D4 **424,FXIOSW FPSW, -1 PATSB0,FPSW PUTX MM,PI,L PATSB0,FPSW PUTX PUTY PATSB0,FPSW PUTY PUTY PUTY PUTY PUTY PUTY PUTY PUTY	,RXFLAG ,FP2 ,K ,0 ,L ,99 ,1 ,*+16			P	AGF	32
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NOVEMBER, 1966
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                                                                                                                                                                PAGE 33
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                SECOND PASS FORTRAN II
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                                                                                                                                                                PAGE 34
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March Marc	****		CECONO	DACC ENDTRAN	т г						OVEMBER	1044	PAGE	35
1998 17 1996 18						LABEL	MNEM	OPERANDS AND R	EMARKS		UVEMBEK,	1900	PAGE	33
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10100 12 0000 10 0000	10998				18700	*\$\$\$\$\$	\$\$\$\$\$	\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$		\$\$\$\$\$\$\$\$\$\$	\$\$\$\$\$\$\$\$\$	\$\$\$\$\$\$\$\$\$\$\$	5555555	
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11334	11306	46	11392	01200	19230		8 F	N60048		• • •				
LOCTN UP P/L Q PS/L LABEL NNEW DERANDS AND REMARKS 11340 15 073-43 00001 19270 170								SL						126
LOCTN UP P/L Q PS/L LABEL NNEW DERANDS AND REMARKS 11340 15 073-43 00001 19270 170														
LOCTN UP P/L Q PS/L LABEL NNEW DERANDS AND REMARKS 11340 15 073-43 00001 19270 170														
11340														
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11373	LOCTN	OP	P/L	Q	PG/LN	LABEL				N	OVEMBER,	1966	PAGE	36
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11404	11340 11352 11368 11373 11378	OP 15	P/L 07343 06898 00005 00005	Q 00001 ±1368 04493 04227	PG/LN 19270 19280 19290 19300		TDM BTM DSA DSA	SS2 PUTX OPX TOFAC	,1	N	UVEMBER,	1966	PAGE	36
11416	LOCTN 11340 11352 11368 11373 11378 11380	OP 15 17	P/L 07343 06898 00005 00005 00005	00001 11368 04493 04227 03791 04673	PG/LN 19270 19280 19290 19300 19310 19320 19323	****	TDM BTM DSA DSA DSA TD	SS2 PUTX OPX TOFAC N40003 FLAGSW	,1 ,*+16 ,FXORFL	*****	*****	泰京水本泰章春春春		36
114-37	LOCTN 11340 11352 11368 11373 11378 11380	OP 15 17 25 44	P/L 07343 06898 00005 00005 00005 05095 11410	0 00001 11368 04493 04227 03791 04673	PG/LN 19270 19280 19290 19300 19310 19320 19323 19327 19330	***** N60048	TDM BTM DSA DSA DSA TD ******	SS2 PUTX OPX TOFAC N40003 FLAGSW ************************************	,1 ,*+16 ,FXORFL ********** ,,SKIP I IF TRACE	******* F TRACE S	*****	泰京水本泰章春春春		36
11444	11340 11352 11368 11373 11378 11380 11392 11404	OP 15 17 25 44 44	P/L 07343 06898 00005 00005 00005 05095 1141 0 11444	Q 00001 ±1368 04493 04227 03791 04673 02840 02226	PG/LN 19270 19280 19280 19300 19310 19320 19323 19327 19330 19335 19340	***** N60048	TDM BTM DSA DSA TD ***** BNF BNF	SS2 PUTX OPX TOFAC N40003 FLAGSW ************************************	,1 ,*+16 ,FXORFL ************************************	******* F TRACE S	*****	泰京水本泰章春春春		36
11464	LOCTN 11340 11352 11368 11373 11378 11380 11392 11404 11416 11432 11437	OP 15 17 25 44 44	P/L 07343 06898 00005 00005 05095 1141 0 11444 06898 00005	Q 00001 ±1368 04493 04227 03791 04673 02840 02226 ±1432 06846 04032	PG/LN 19270 19280 19290 19300 19310 19320 19323 19327 19335 19340 19350 19360	***** N60048	TDM BTM DSA DSA TD ***** BNF BNF BTM DSA DSA	SS2 PUTX OPX TOFAC N40003 FLAGSW ************************************	,1 ,*+16 ,FXORFL ************************************	******* F TRACE S	*****	泰京水本泰章春春春		36
11476	LOCTN 11340 11352 11368 11373 11378 11378 11340 11404 11416 11432 11437 11442	OP 15 17 25 44 47	P/L 07343 06898 00005 00005 00005 01414 06898 00005 00005 00005	Q 00001 ±1368 04493 94227 93791 04673 02840 02226 ±1432 06846 94032 94232	PG/LN 19270 19280 19290 19300 19310 19323 19327 19335 19340 19350 19370 19380	****** N60048 *••••	TDM BTM DSA DSA TD ***** BNF BNF BTM DSA DSA DSA DSA BD	SS2 PUTX OPX TOFAC N40003 FLAGSW ************** ************* ********	,1 ,*+16 *FXORFL ************************************	******* F TRACE S	*****	泰京水本泰章春春春		36
11497 00005 64232 11504 15 09599 00001 19450 TDM SKIPSW ,1 11516 17 11672 11528 19460 BTM GSBI ,*+12 11549 00005 99587 11554 00005 99587 11554 00005 99587 11555 17 11672 11568 19490 BTM GSBI ,*+16 11589 00005 99590 11590 00005 99590 11590 17 11672 141608 19500 BTM PUTX ,*+16 11608 17 06898 11644 19510 DSA BL,N40003,N01200 11590 00005 99590 11590 17 11672 141608 19500 BTM PUTX ,*+16 11608 17 06898 1624 19510 DSA BL,N40003,N01200 11589 00005 99590 11596 17 11672 141608 19500 BTM SSBI ,*+12 11608 17 06898 1624 19550 DSA BL,N40003,N01200 11608 17 06898 100005 99590 11596 10 11672 141608 19500 DSA BL,N40003,N01200 11608 17 06898 100000 19590 BTM GSBI ,*+16 11629 00005 99344 11636 10 00005 99344 11636 10 00005 99344 11636 10 00005 99344 11636 17 05590 00000 19550 TDM SKIPSW ,0 11648 12 08843 00004 19550 SM ADCOW ,4 ,10 11660 49 02628 00000 19570 BC CLEAR 11700 17 04276 11700 19590 BTM GTNS ,*+16 11700 00005 99485 19600 DSA 1,SK 11705 00005 10881 19620 DSA SK,N40003 11705 00005 10881 19620 DSA SK,N40003 11727 00005 03791 1727 00005 03791 1727 00005 93791 1727 00005 93791 1727 00005 93791 1727 00005 93791 1727 1727 00005 93791 1727 1727 00005 93791 1727 1727 00005 94881 19650 DSA SK,N40003 11740 17 1046 11756 19640 BTM SRFCT ,*+16 11756 00005 40881 19650 DSA SK,N40003 11761 00005 40881 19650 DSA SK,N40003 11762 15 07342 00001 19660 TDM SSI ,1 11774 49 11674 00000 19670 B GSBI ,6 11776 00005 40881 19650 DSA SK,ADCOW	11340 11352 11368 11373 11378 11380 11392 11404 11416 11432 11437 11442	0P 15 17 25 44 44 17	P/L 07343 06898 00005 00005 05095 11410 11444 06898 00005 00005 00005	Q 00001 ±1368 04493 04227 03791 04673 02226 ±1432 06846 04032 04232 05095 00000	PG/LN 19270 19280 19300 19310 19320 19323 19327 19335 19340 19350 19360 19370 19380 19390 19410	****** N60048 *••••	TDM BTM DSA DSA TD ***** BNF BNF BNF DSA DSA DSA DSA DSA DSA DSA	SS2 PUTX OPX TOFAC N40003 FLACSW ************************************	,1 ,*+16 ,FXORFL *********** ,,,SKIP I IF TRACE ,*+16	*********** F TRACE S TEST	*****	泰京水本泰章春春春		36
11504 15	11340 11352 11368 11373 11378 11378 11380 11392 11404 11416 11432 11444 11456 11464 11464 11464	0P 15 17 25 44 44 17	P/L 07343 06898 00005 00005 00005 11440 06898 00005 00005 11464 11786 09485 06898	Q 00001 ±1368 04493 94227 03791 04673 02840 02226 ±1432 06846 04032 04232 05095 00000	PG/LN 19270 19280 19300 19310 19320 19323 19327 19335 19345 19350 19360 19370 19380 19390 19410 19410	****** N60048 *••••	TDM BTM DSA DSA DSA TD ******* BNF BNF BSA DSA DSA DSA DSA DSA DSA DSA DSA	SS2 PUTX OPX TOFAC N40003 FLAGSW **+18,TRCSW,6 **+40,IFTRC,, PUTX BTM TRACE FACAD DUTPUT FIXED VA *+20 N60049 *-3 I PUTX	,1 ,*+16 FXORFL ************************************	*********** F TRACE S TEST	*****	泰京水本泰章春春春		36
11528	11340 11352 11368 11373 11378 11380 11392 11404 11416 11432 11437 11442 11444 11456 11464 11464 11464 11467 11492 11492	0P 15 17 25 44 44 17	P/L 07343 06898 00005 00005 05095 11416 06898 00005 00005 11464 11786 09485 06898 00005	Q 00001 ±1368 04493 04227 03791 04673 02840 02226 ±1432 06846 04032 04232 05095 00000 00002 ±1492 09545 04232	PG/LN 19270 19280 19300 19310 19320 19323 19327 19335 19345 19350 19360 19370 19380 19390 19410 19410	****** N60048 *••••	TDM BTM DSA DSA DSA TD ******* BNF BNF BSA DSA DSA DSA DSA DSA DSA DSA DSA	SS2 PUTX OPX TOFAC N40003 FLAGSW **+18,TRCSW,6 **+40,IFTRC,, PUTX BTM TRACE FACAD DUTPUT FIXED VA *+20 N60049 *-3 I PUTX	,1 ,*+16 FXORFL ************************************	*********** F TRACE S TEST	*****	泰京水本泰章春春春		36
11556 17 11672 ±1568 19490 8TM GSBI ,*+12 11568 17 06898 ±1584 19500 8TM PUTX ,*+16 11584 00005 99554 19510 DSA BE,N40003,N01200 11589 00005 93791 11594 00005 99559 11596 17 11672 ±1608 19520 CODE7C BTM GSBI ,*+12 11608 17 06898 ±1624 19530 8TM PUTX ,*+16 11624 00005 93791 11634 00005 93791 11634 00005 93791 11634 00005 93791 11634 12 06843 00004 19560 SM ADCOW ,** 11648 12 06843 00004 19560 SM ADCOW ,** 11672 11 09485 000091 19580 GSBI AM I ,1 11684 17 05540 ±1700 19590 BTM GTNS ,*+16 11700 00005 9485 19600 DSA I,SK 11705 1700 0005 ±0881 19620 DSA SK,N40003 11727 00005 ±0881 19620 DSA SK,N40003 11728 44 11762 05085 19630 BNF **+34 ,RMSW 11740 17 11096 ±1756 19640 BTM INSET ,**+16 11762 15 07342 00001 19600 DSA SK,ADCOW 11764 11674 00005 68483 11762 15 07342 00001 19660 TDM SSI ,1 11776 17 0476 ±1756 19640 BTM INSET ,**+16 11756 00005 68843 19650 DSA SK,ADCOW 11776 00005 68643 11762 15 07342 00001 19660 TDM SSI ,1 11777 49 11674 00000 68483 19650 DSA SK,ADCOW 11776 11676 26 03781 06843 19680 N60049 TF N40001 ,ADCOW	11340 11352 11368 11378 11378 11380 11392 11404 11416 11432 11437 11442 11444 11456 11464 11464 11476 11497 11502	0P 15 17 25 44 44 17 43 49 11 17	P/L 07343 06898 00005 00005 05095 11410 11444 06898 00005 00005 11464 11786 09485 06898 00005 00005 00005	Q 00001 ±1368 64493 64227 93791 04673 02840 02226 ±1432 66846 64032 64232 05095 00000 00062 ±1492 69545 64232 99343 00001	PG/LN 19270 19280 19290 19310 19320 19322 19327 19335 19340 19350 19360 19370 19380 19370 19440 19420 19420	****** N60048 *••••	TDM BTM DSA DSA DSA TD ***** BNF BNF BTM DSA DSA DSA BD BD BD BB DORG AMM DSA TDM	SS2 PUTX OPX TOFAC N40003 FLAGSW **+18,TRCSN,6 *+40,IFTRC,, PUTX BTM TRACE FACAD JUTPUT FIXED VA *+20 N60049 *-3 I PUTX CM,FACAD,ZER04 SKIPSW	,1 ,*+16 ,FXORFL ************************************	*********** F TRACE S TEST	*****	泰京水本泰章春春春		36
11568 17	11340 11352 11368 11373 11378 11378 11380 11392 11404 11416 11432 11437 11442 11444 11464 11464 11464 11476 11492 11497 11502 11504	0P 15 17 25 44 47 17 43 49 11 17	P/L 07343 06898 00005 00005 00005 011416 11444 06898 00005 00005 00005 00005 00005 00005 00005 00005 00005 00005 00005	Q 00001 ±1368 04493 04227 03791 04673 02840 02226 ±1432 06846 04032 04232 05095 00000 00002 ±1492 09545 04232 09343 00001 ±1528 ±1544 99547	PG/LN 19270 19280 19280 19290 19310 19320 19323 19327 19335 19350 19350 19360 19370 19400 19410 19420 19420 19440	****** N60048 *••••	BTM DSA	SS2 PUTX OPX TOFAC N40003 FLAGSW **+18,TRCSW,6 *+18,TRCSW,6 *+40,IETRC,, PUTX BTM TRACE FACAD JUTPUT FIXED VA *+20 N60049 *-3 IPUTX CM,FACAD,ZERO4 SKIPSW GSBI PUTX	,1 ,*+16 ,FXORFL *********** ,,,*KIP II IF TRACF ,*+16 RIABLE IF ,FLAGSW ,2 ,*+16	*********** F TRACE S TEST	*****	泰京水本泰章春春春		36
11589 00005 83791 11596 17 11672 11608 19520 CODETC BTM GSBI ,*+12 11608 17 06898 11624 19530 BTM PUTX ,*+16 11629 00005 63791 11634 00005 63791 11648 12 06843 00004 19560 SM ADCOW ,4 ,10 11660 49 02628 00000 19570 B CLEAR 11672 11 09485 00001 19580 GSBI AM I ,1 ,10 11681 17 05540 11700 19590 BTM GTNS ,*+16 11700 00005 69485 19600 DSA I,SK 11705 00005 10881 11706 17 04276 11722 19610 BTM SRECT ,*+16 11722 00005 63791 11728 44 11762 05085 19630 BNF *+34 ,RMSW 11740 17160 171766 19640 BTM INSET ,*+16 11756 00005 60843 19650 DSA SK,ADCOW 11756 17640 BTM INSET ,*+16 11756 00005 60843 19650 DSA SK,ADCOW 11756 19640 BTM INSET ,*+16 11761 10 00005 60843 19650 DSA SK,ADCOW 11761 00005 60843 19650 DSA SK,ADCOW 11762 00005 60843 19650 DSA SK,ADCOW 11764 11674 00000 60843 19680 N60049 TF N40001 ,ADCOW	11340 11352 11368 11378 11378 11380 11392 11404 11416 11452 11437 11442 11464 11464 11464 11476 11497 11502 11504 11502	0P 15 17 25 44 44 17 43 49 11 17	P/L 07343 06898 00005 00005 05095 11410 11444 06898 00005 00005 11464 11786 09485 06898 00005 00005 00005 00005 00005 00005	Q 00001 ±1368 64493 64227 93791 04673 02840 02226 ±1432 66846 64032 64232 05095 00000 00062 ±1492 69545 64232 69545 64232 69545 64232 69545 64232 69545 64232 69545	PG/LN 19270 19280 19290 19310 19320 19323 19327 19335 19340 19350 19360 19370 19440 19440 19450 19440	****** N60048 *••••	TDM BTM DSA DSA TD BNF	SS2 PUTX OPX TOFAC N40003 FLAGSW **+18,TRCSW,6 *+40,IFTRC., PUTX BTM TRACE FACAD DUTPUT FIXED VA *+20 N60049 *-3 I PUTX CM,FACAD,ZERO4 SKIPSW GSBI PUTX BL,N40003,N013	,1 ,*+16 ,FXORFL ************************************	*********** F TRACE S TEST	*****	泰京水本泰章春春春		36
11596	11340 11352 11368 11373 11378 11378 11380 11392 11404 11416 11432 11437 11442 11444 11456 11464 11476 11497 11502 11518 11518 11518 11518 11524 11544 11554 11554 11554	0P 15 17 25 44 44 17 43 49 11 17	P/L 07343 06898 00005 00005 05095 11414 06898 00005 00005 11464 11786 09485 06898 00005 00005 00005 00005 00005 11672 06898	Q 00001 ±1368 64493 64227 63791 04673 02840 02226 ±1432 66846 64032 64232 05095 00000 00062 ±1492 69545 64232 69545 64232 69547 64558 ±1568 ±1568	PG/LN 19270 19280 19280 19290 19310 19323 19327 19335 19350 19350 19360 19400 19410 19420 19440 19440 19440 19440 19440	****** N60048 *••••	TDM BTM DSA	SS2 PUTX OPX TOFAC N40003 FLAGSW **18,TRCSW,6 **18,TRCSW,6 **40,IFTRC,, PUTX BTM TRACE FACAD DUTPUT FIXED VA **20 N60049 **3 I PUTX CM,FACAD,ZER04 SKIPSW GSBI PUTX BL,N40003,N013	,1 ,*+16 ,FXORFL *********** ,*,*KIP II IF TRACE ,*+16 .RIABLE IF ,FLAGSW ,2 ,*+16 .1 ,*+16 .00	*********** F TRACE S TEST	*****	泰京水本泰章春春春		36
11624 00005 68488 19540 DSA B,N40003,ZER05 11634 00005 693791 11636 15 09599 00000 19550 TDM SKIPSW ,0 11648 12 06843 00004 19560 SM ADCOW ,4 ,10 11660 49 02628 00000 19570 B CLEAR 11672 11 09485 00001 19580 GSBI AM I ,1 ,10 11684 17 05540 11700 19590 BTM GTNS ,*+16 11700 00005 69485 19600 DSA I,SK 11705 17 04276 11722 19610 BTM SRFCT ,*+16 11727 00005 10881 19620 DSA SK,N40003 11727 00005 03791 11728 44 11762 05085 19630 BNF *+34 ,RMSW 11740 17 11096 11756 19640 BTM INSET ,*+16 11756 00005 10881 19650 DSA SK,ADCOW 11762 15 07342 00001 19660 TDM SSI ,1 11762 15 07342 00001 19660 TDM SSI ,1 11774 49 11674 00000 6843 19680 N60049 TF N40001 ,ADCOW	11340 11352 11368 11373 11378 11378 11392 11404 11432 11437 11442 11444 11456 11464 11470 11492 11497 11502 11504 11518 11554 11554 11554 11556 11568 11568	0P 15 17 25 44 44 17 43 49 11 17	P/L 07343 06898 00005 00005 00005 01414 11444 11786 09485 00005 00005 00005 09599 11672 06898 00005 00005 00005	Q 00001 ±1368 64493 64227 63791 04673 02840 02226 ±1432 66846 64032 64232 05095 00000 00062 ±1492 69545 64232 69545 64232 69547 695547 63791 69554	PG/LN 19270 19280 19280 19290 19310 19323 19327 19335 19350 19350 19360 19400 19410 19420 19440 19440 19440 19440 19440	****** N60048 *••••	TDM BTM DSA	SS2 PUTX OPX TOFAC N40003 FLAGSW **18,TRCSW,6 **18,TRCSW,6 **40,IFTRC,, PUTX BTM TRACE FACAD DUTPUT FIXED VA **20 N60049 **3 I PUTX CM,FACAD,ZER04 SKIPSW GSBI PUTX BL,N40003,N013	,1 ,*+16 ,FXORFL *********** ,*,*KIP II IF TRACE ,*+16 .RIABLE IF ,FLAGSW ,2 ,*+16 .1 ,*+16 .00	*********** F TRACE S TEST	*****	泰京水本泰章春春春		36
11636 15 09599 00000 19550 TDM SKIPSW ,0 11648 12 06843 00004 19560 SM ADCOW ,4 ,10 11660 49 02628 00000 19570 B CLEAR 11672 11 09485 00001 19580 GSBI AM I ,1 ,10 11684 17 05540 11700 19590 BTM GTNS ,*+16 11700 00005 99485 19600 DSA I,SK 11705 00005 10881 19600 DSA I,SK 11705 17 04276 11722 19610 BTM SRECT ,*+16 11722 00005 10881 19620 DSA SK,N40003 11727 00005 93791 11728 44 11762 05085 19630 BNF *+34 ,RMSW 11740 17 11096 11756 19640 BTM INSET ,*+16 11756 00005 40881 19650 DSA SK,ADCOW 11756 19640 BTM INSET ,*+16 11756 00005 66843 19650 DSA SK,ADCOW 11762 15 07342 00001 19670 B GSBI-1 ,6 11774 49 11674 00000 19670 B GSBI-1 ,6 11776 26 03731 06843 19680 N60049 TF N40001 ,ADCOW	11340 11352 11368 11373 11378 11380 11392 11404 11416 11432 11437 11442 11444 11464 11464 11464 11466 11502 11504 11504 11516 11549 11554 11554 11556 11568 11568 11589 11594	0P 15 17 25 44 47 17 11 17 17	07343 06898 00005 00005 00005 05095 11414 06898 00005 00005 11786 09485 00005 00005 00005 00005 00005 00005 00005 00005 00005 00005 00005 00005	Q 00001 ±1368 04493 04227 03791 04673 02840 02226 ±1432 06846 04032 04232 05095 00000 00002 ±11492 09545 04232 09545 04232 09545 04232 09595 010001 01002 010062 011492 095502 011688 011684	PG/LN 19270 19280 19290 19310 19320 19323 19327 19335 19335 19336 19370 19370 19480 19490 19490 19490 19490 19490 19490 19490 19490 19490 19490 19490	*************	TDM BTM DSA DSA DSA BNF	SS2 PUTX OPX TOFAC N40003 FLAGSW **+18,TRCSN,6 **+40,IFTRC,6 PUTX BTM TRACE FACAD 00049 **-3 I PUTX CM,FACAD,ZER04 SKIPSW GSBI PUTX BL,N40003,N013 GSBI PUTX BE,N40003,N012	,1 ,*+16 ,FXORFL ************************************	*********** F TRACE S TEST	*****	泰京水本泰章春春春		36
11648 12 08483 00000 19570 B CLEAR 116672 11 09485 00001 19580 GSBI AM I 11684 17 05540 ±1700 19590 BTM GTNS ,*+16 11700 00005 99485 19600 DSA I,SK 11705 00005 ±0881 19600 DSA I,SK 11706 17 04276 ±1722 19610 BTM SRFCT ,*+16 11722 00005 ±0881 19620 DSA SK,N40003 11727 00005 ±0881 19620 DSA SK,N40003 11728 44 11762 05085 19630 BNF *+34 ,RMSW 11740 17 11096 ±1756 19640 BTM INSET ,*+16 11756 00005 ±0881 19650 DSA SK,ADCOW 11762 15 07342 00001 19660 TDM SSI ,1 11774 49 1167± 00000 19670 B GSBI-1 ,6 11776 26 03781 06843 19680 N60049 TF N40001 ,ADCOW	11340 11352 11368 11373 11378 11378 11392 11404 11442 11447 11442 11444 11456 11464 11476 11492 11497 11502 11504 11518 11544 11549 11554 11568 11568 11584 11589 11594 11594 11594 11594 11594 11594 11594 11594 11594 11594 11594 11594 11594 11594 11594 11594 11594 11698 11698	0P 15 17 25 44 47 17 11 17 17	07343 06898 00005 00005 05095 11414 06898 00005 00005 11464 11786 00005 00005 00005 00005 00005 00005 00005 00005 00005 00005 00005 00005 00005	Q 00001 ±1368 04493 04227 03791 04673 02840 02226 ±1432 06846 04032 04232 05095 00000 00002 ±1492 09545 04232 09545 04232 09545 04232 09595 00001 ±1528 ±1564 095791 09552 ±1568 ±1584 09547 093791 09559 ±1608 ±1624 06848	PG/LN 19270 19280 19290 19300 19310 19323 19327 19335 19340 19350 19360 19360 19400 19410 19420 19440 19440 19440 19450 19460 19460 19470 19480	*************	TDM BTM DSA DSA DSA TDM BNF	SS2 PUTX OPX TOFAC N40003 FLAGSW **+18,TRCSN,6 **+18,TRCSN,6 **+18,TRCSN,6 FACAD DUTPUT FACAD DUTPUT FACAD DUTPUT FACAD PUTX CM,FACAD,ZERO4 SKIPSW GSBI PUTX BL,N40003,N013 GSBI PUTX BE,N40003,N012	,1 ,*+16 ,FXORFL ************************************	*********** F TRACE S TEST	*****	泰京水本泰章春春春		36
11684 17 05540 11700 19590 BTM GTMS ,*+16 11700 00005 69485 19600 DSA I,SK 11705 00005 10881 11706 17 04276 11722 19610 BTM SRFCT ,*+16 11722 00005 93791 11728 44 11762 05085 19630 BNF *+34 ,RMSW 11740 17 11096 11756 19640 BTM INSET ,*+16 11756 00005 10881 19650 DSA SK,ADCOW 11762 15 07342 00001 19660 TDM SSI ,1 11774 49 11671 00000 19670 B GSB-1 ,6 11786 26 03781 06843 19680 N60049 TF N40001 ,ADCOW	11340 11352 11368 11373 11378 11378 11392 11404 11432 11447 11446 11456 11464 11464 11470 11497 11502 11504 11516 11528 11544 11554 11554 11554 11554 11556 11568 11584 11594 11594 11594 11596 11698	0P 15 17 25 44 44 17 43 49 11 17 17 17 17 17	07343 06898 00005 00005 00005 00005 00005 11414 11444 11786 09485 00005 00005 00005 00005 00005 00005 00005 00005 00005 00005 00005 00005 00005	Q 00001 ±1368 64493 64227 63791 04673 02840 02226 ±1432 66846 64032 64232 05095 00000 00002 ±1492 69545 64232 69547 69547 697547 697554 1584 69759 1608 ±1624 66848 63791 69384	PG/LN 19270 19280 19290 19280 19310 19323 19327 19335 19340 19350 19360 19410 19420 19440 19440 19440 19440 19450 19460 19470 19480 19490 19500 19510	*************	TDM BTM DSA DSA DSA BNF	SS2 PUTX OPX TOFAC N40003 FLAGSW ************* ***18,TRCSN,6 **+18,TRCSN,6 **+40,IETRC,, PUTX BTM TRACE FACAD JUTPUT FIXED VA **20 N60049 **-3 I PUTX CM,FACAD,ZER04 SKIPSW GSBI PUTX BL,N40003,N013 GSBI PUTX BE,N40003,N012 GSBI PUTX BF,N40003,ZER05 SKIPSW	,1 ,*+16 ,FXORFL ************************************	******** F TRACE S TEST ,10	*****	泰京水本泰章春春春		36
11705 00005 +0881 19620 DSA SK,N40003 11727 00005 +0881 19620 DSA SK,N40003 11727 00005 63791 11728 44 11762 05085 19630 BNF *+34 ,RMSW 11740 17 11096 +1756 19640 BTM INSET ,*+16 11756 00005 +0881 19650 DSA SK,ADCOW 11761 00005 66843 11762 15 07342 00001 19660 TDM SS1 ,1 11774 49 11674 00000 19670 B GSBI-1 ,6 11786 26 03781 06843 19680 N60049 TF N40001 ,ADCOW	11340 11352 11368 11373 11378 11380 11392 11404 11416 11432 11437 11442 11444 11464 11464 11466 11504 11504 11504 11504 11516 11549 11554 11554 11554 11554 11554 11568 11589 11594 11698	0P 15 17 25 44 44 17 43 49 11 17 17 17 17 17 17 17 17	P/L 07343 06898 00005 00005 00005 011414 06898 00005 00005 114786 09485 00005 00005 00005 11672 06898 00005 11672 06898 00005 00005 00005 00005 00005 00005 00005	Q 00001 ±1368 04493 04227 03791 04673 02840 02226 ±1432 06846 04032 04232 05095 00000 00002 ±11492 09545 04232 09545 04232 09552 ±1568 ±1544 09555 ±1568 ±1584 09559 ±1608 ±1624 06848 03791 09559 ±1608 ±1624 06848 03791 09344 00000	PG/LN 19270 19280 19290 19280 19310 19320 19310 19327 19335 19335 19336 193370 19380 19410 19420 19440 19440 19440 19440 19450 19440 19450 19460 19470 19480 19550 19550 19550 19550	****** ****** CODE7C	TDM BTM DSA DSA DSA BNF	SS2 PUTX OPX TOFAC N40003 FLACSW **************** **18,TRCSW,6 **+40,IETRC,, PUTX BTM TRACE FACAD DUTPUT FIXED VA *+20 N60049 *-3 I PUTX CM,FACAD,ZERO4 SKIPSW GSBI PUTX BL,N40003,N013 GSBI PUTX BE,N40003,ZERO5 SKIPSW ADCOW CLEAR	,1 ,*+16 ,FXORFL ************************************	********* F TRACE S TEST ,10	*****	泰京水本泰章春春春		36
11722 00005 +0881 19620 DSA SK,N40003 11727 00005 93791 11728 44 11762 05085 19630 BNF *+34 ,RMSW 11740 17 11096 +1756 19640 BTM INSET ,*+16 11756 00005 +0881 19650 DSA SK,ADCOW 11761 00005 66843 11762 15 07342 00001 19660 TDM SS1 ,1 11774 49 1167‡ 00000 19670 B GSBI-1 ,6 11786 26 03781 06843 19680 N60049 TF N40001 ,ADCOW	11340 11352 11368 11373 11378 11380 11392 11404 11416 11432 11437 11442 11444 11456 11464 11464 11476 11504 11608	0P 1517 25 44 44 17 43 49 11 17 17 17 17 17 17 17 17	P/L 07343 06898 00005 00005 00005 011414 06898 00005 00005 114786 00005 00005 11464 11786 00005 00005 011672 06898 00005 00005 11672 06898 00005 00005 00005 00005 00005 00005 00005 00005 00005 00005 00005	Q 00001 ±1368 04493 04227 03791 04673 02840 02226 ±1432 06846 04032 04232 05095 00000 00002 ±1492 09545 04232 09545 04232 09552 ±1568 ±1584 095791 09552 ±1568 ±1584 09791 09559 ±1608 ±1624 04688 03791 09559 ±1624 04688 03791 09540	PG/LN 19270 19280 19290 19280 19310 19320 19310 19327 19335 19335 19337 19380 19370 19440 19450 19440 19450 19460 19470 19480 19490 19500 19510 19520 19550 19550	****** ****** CODE7C	TDM BTM DSA	SS2 PUTX OPX TOFAC N40003 FLAGSW ************************************	,1 ,*+16 ,**XORFL ************************************	********* F TRACE S TEST ,10	*****	泰京水本泰章春春春		36
11728 44 11762 05085 19630 BNF *+34 ,RMSW 11740 17 11096 11756 19640 BTM INSET ,*+16 11756 00005 40881 19650 DSA SK,ADCOW 11761 00005 66843 11762 15 07342 00001 19660 TDM SS1 ,1 11774 49 1167‡ 00000 19670 B GSBI-1 , ,6 11786 26 03781 06843 19680 N60049 TF N40001 ,ADCOW	11340 11352 11368 11373 11378 11378 11378 11340 11492 11442 11444 11456 11464 11476 11464 11476 11464 11476 11502 11504 11508 11504 11508 11608	0P 15 17 25 444 17 43 49 11 17 17 17 17 17 17 17 17 17 17	P/L 07343 06898 00005 00005 00005 11414 06898 00005 00005 11478 00005 00005 00005 116672 06898 00005 00005 11672 06898 00005 00005 00005 00005 00005 00005 00005 00005 00005 00005 00005 00005 00005 00005 00005 00005 00005 00005 00005	Q 00001 ±1368 64493 64227 63791 04673 02840 02226 ±1432 66846 64032 64232 05095 00000 00062 ±1492 69545 64232 09545 64232 11568 ±1584 69547 63791 69559 ±1608 ±1648 63791 69559 ±1608 ±1624 6648 63791 69549 69540 00000 000000 0000000000000000000000	PG/LN 19270 19280 19290 19300 19310 19320 19323 19327 19335 19335 19340 19360 19440 19440 19440 19440 19440 19440 19450 19440 19450 19460 19470 19480 19500 19510 19500 19510 19550 19560 19560 19580 19580 19580 19580 19580 19580 19580 19580 19580 19580 19590 19590 19590 19600	****** ****** CODE7C	TDM BTM DSA	SS2 PUTX OPX TOFAC N40003 FLAGSW **+18,TRCSW,6 **+40,IFTRC,, PUTX BTM TRACE FACAD DUTPUT FIXED VA *+20 N60049 *-3 I PUTX CM,FACAD,ZERO4 SKIPSW GSB1 PUTX BE,N40003,N013 GSB1 PUTX SKIPSW GSB1 PUTX SKIPSW GSB1 PUTX SKIPSW GSB1 PUTX SKIPSW GSB1 PUTX GSB1 PUTX SKIPSW GSB1 PUTX GSB1 FUTX G	,1 ,*+16 ,FXORFL ************************************	********* F TRACE S TEST ,10	*****	泰京水本泰章春春春		36
11756 00005 40881 19650 DSA SK,ADCOW 11761 00005 46843 11762 15 07342 00001 19660 TDM SS1 ,1 11774 49 11674 00000 19670 B GSBI-1 ,6 11786 26 03781 06843 19680 N60049 TF N40001 ,ADCOW	11340 11352 11368 11373 11378 11378 11378 11404 11416 11432 11437 11442 11444 11464 11464 11466 11464 11476 11492 11502 11504 11508 11508 11508 11508 11508 11508 11508 11508 11608	0P 15 17 25 444 17 43 49 11 17 17 17 17 17 17 17 17 17 17	P/L 07343 06898 00005 00005 00005 11414 06898 00005 00005 11478 00005 00005 00005 00005 11672 06898 00005 00005 11672 06898 00005 00005 00005 11672 06898 00005	Q 00001 ±1368 64493 64227 63791 04673 02840 02226 ±1432 66846 64032 64232 05095 00000 00002 ±1492 69545 64232 69343 00001 ±1528 ±1544 69547 693791 69552 ±1688 ±1584 69799 ±1608 ±1624 66848 693791 693944 00000 00004 000001 00004 000000 00004 000000 00004 0000001 ±17700 69485 ±0881	PG/LN 19270 19280 19290 19310 19320 19310 19327 19330 19335 19336 19336 19340 19350 19410 19420 19440 19440 19440 19450 19450 19550 19550 19550 19550 19550 19560 19560 19610	****** ****** CODE7C	TDM BTM DSA DSA DSA BNF	SS2 PUTX OPX TOFAC N40003 FLACSW **************** ***40,1ETRC,, PUTX BTM TRACE FACAD DUTPUT FIXED VA **20 N60049 **-3 I PUTX SKIPSW GSBI PUTX BL,N40003,N013 GSBI PUTX BL,N40003,N012 GSBI PUTX B,N40003,ZER05 SKIPSW ADCOW CLEAR I GTNS I,SK SRFCT	,1 ,*+16 ,FXORFL ************************************	********* F TRACE S TEST ,10	*****	泰京水本泰章春春春		36
11762 15 07342 00001 19660 TDM SS1 ,1 11774 49 1167\\ 00000 19670 B GSBI-1 ,6 11786 26 03781 06843 19680 N60049 TF N40001 ,ADCOW	11340 11352 11368 11373 11378 11378 11380 11392 11404 11416 11432 11447 11464 11464 11476 11506 11504 11506 11508	0P 1517 25 444 17 43 49 11 17 17 17 17 17 17 17 17 17 44	07343 06898 00005 00005 00005 00005 011444 06898 00005 00005 11464 11786 09485 00005 00005 00005 00005 011672 06898 00005 00005 11672 06898 00005 01005 00005 01005 00005 01005 00005 00005 01005 00005 00005 00005 00005 00005 00005	Q 00001 11368 04493 04227 03791 04673 02840 02226 11432 05095 00000 00062 11492 09545 04232 09545 04232 09545 04232 095547 09556 11584 09554 03791 09559 11568 11584 09559 11608 11624 06648 03791 09344 00000 00004 00000 00004 00000 00004 11700 09485 10881 11722 10881 03791 05085	PG/LN 19270 19280 19290 19310 19320 19310 19323 19327 19335 19350 19360 19370 19410 19440 19440 19440 19440 19450 19460 19510 19550 19560 19550 19550 19580 19590 19600 19610	****** ****** CODE7C	TDM BTM DSA	SS2 PUTX OPX TOFAC N40003 FLAGSW ******************************** **18,TRCSN,6 *+0,IFTRC,, PUTX BTM TRACE FACAD DUTPUT FIXED VA **20 N60049 *-3 I PUTX CM,FACAD,ZER04 SKIPSW GSB1 PUTX BL,N40003,N013 GSB1 PUTX BE,N40003,N012 GSB1 FUTX B,N40003,ZER05 SKIPSW ADCOW CLEAR I GTNS I,SK SRFCT SK,N40003 **34	,1 ,*+16 ,**XORFL ************************************	********* F TRACE S TEST ,10	*****	泰京水本泰章春春春		36
11700 20 U3/81 U6843 1968U N60049 TF N40001 ,ADCOW 11798 11 03781 00020 19690 AM N40001 ,20 ,10 /27	11340 11352 11368 11373 11378 11378 11378 11380 11392 11404 11416 11432 11437 11442 11447 11464 11464 11476 11492 11497 11502 11504 11508	15 17 25 44 47 11 17 17 17 17 17 17 17 17 17 17 17 17	P/L 07343 06898 00005 00005 00005 11414 06898 00005 00005 11478 06898 00005 00005 00005 11672 06898 00005 00005 11672 06898 00005 00005 00005 11672 06898 00005	Q 00001 11368 04493 04227 03791 04673 02840 02226 11432 068846 04032 04232 05095 00000 00002 211492 09545 64232 09545 04232 11568 11584 09547 03791 09559 11608 11624 06648 03791 09559 11608 11624 06648 03791 09581 11700 09485 11700 09485 11700 09485 117100 09485 11756 10881 03791 05085 11756 10881	PG/LN 19270 19280 19290 19280 19300 19310 19323 19327 19335 19327 19330 19340 19360 19470 19440 19450 19460 19470 19480 19490 19500 19500 19500 19500 19500 19500 19500 19500 19500 19500 19500 19500 19500 19500 19500 19500	****** ****** CODE7C	TDM BTM DSA	SS2 PUTX OPX TOFAC N40003 FLAGSW ************************************	,1 ,*+16 ************************************	********* F TRACE S TEST ,10	*****	泰京水本泰章春春春		36
	11340 11352 11368 11373 11378 11378 11378 11380 11392 11404 11416 11432 11432 11437 11442 11446 11466 11466 11502 11502 11504 11516 11528 11596 11568 11589 11596 11596 11698 11694 11700 11705 11706 11705 11706 11706 11706 11705 11706	15 17 25 44 17 43 49 11 17 17 17 17 17 17 17 17 17 17 17 17	P/L 07343 06898 00005 00005 00005 11414 06898 00005 00005 11478 07485 06898 00005 00005 00005 11672 06898 00005 00005 11672 06898 00005 00005 11672 06898 00005	Q 00001 ±1368 64493 64227 63791 04673 02840 02226 ±1432 66846 64032 64232 05095 00000 00002 ±1492 69545 64232 69343 00001 ±1528 ±1544 69547 69757 63791 69759 ±1608 ±1584 69759 ±1608 ±1624 66848 63791 69559 ±1608 ±1770 6881 68791 697881 69789	PG/LN 19270 19280 19290 19280 19320 19330 19332 19337 19335 19340 19350 19440 19450 19440 19450 19440 19450 19450 19550 19550 19550 19560 19570 19560 19570 19660 19660 19660	****** ****** CODE7C	TDM BTM DSA DSA DSA BBNF BBNF BBNF BBNF BBNF BBNF BBNF BBN	SS2 PUTX OPX TOFAC N40003 FLACSW ******************************** **+18,TRCSN,6 **+40,IFTRC,, PUTX BTM TRACE FACAD DUTPUT FIXED VA **+20 N60049 **-3 I PUTX CM,FACAD,ZER04 SKIPSW GSBI PUTX BL,N40003,N013 GSBI PUTX BE,N40003,N012 GSBI FUTX BE,N40003,N012 GSBI SE,N40003,N012 GSBI FUTX B,N40003,N012 GSBI FUTX B,N40003,N012 GSBI SE,N40003,N012 GSBI FUTX B,N40003,N012 FUTX B,N40003,N012 FUTX B,N40003,N012 FUTX B,N400	,1 ,*+16 ,**XORFL ************************************	********* F TRACE S TEST ,10	*****	泰京水本泰章春春春		36

****		SECOND	PASS FORTRAN	II					NOVEMBER,	1966	PAGE	37
LOCTN	OP	P/L	Q	PG/LN	LABEL	MNEM	OPERANDS AND	REMARKS				
11810 11822	26 22	03796 03796	04232 02298	19700 19710		TF S	N40004 N40004	,FACAD ,FP2				
11834 11846	11 15	03796 07342	000 0 1 00001	19720 19730		AM TDM	N40004 SS1	, 1 , 1	,10			
11858 11874	17	06898 00005	11874 09561	19740 19750		BTM DSA	PUTX BD,N40001,N400	,*+16				
11879 11884		00005 00005	0 3781 0 3796									
11886 11898	11 15	09485 09599	000 0 3 00001	19760 19770		AM TDM	I SKIPSW	,3 ,1	•10			
11910 11922	17 17	11672 06898	11922 11938	19780 19790		BTM BTM	GSBI PUTX	,*+12 ,*+16				
11938 11943		00005 00005	0 6848 0 3791	19800		DSA	B,N40003,ZERO	5				
11948 11950	12	00005 06843	0 9344 000 0 4	19810		SM	ADCOW	,4	,10			
11962 11974	17 17	11672 06898	11974 11990	19820 19830		BTM BTM	GSB I PUT X	,*+12 ,*+16				
11990 11995		00005 00005	0 9563 0 3791	19840		DSA	BNF,N40003,FA	CM2				
12000 12002	12	00005 09485	0 9568 000 0 3	19850		SM	I	,3	,10			
12014 12022	49	11596	00000	19860 19870		B DORG						
12022 12034	11 17	09485 05540	000 0 3 1 2050	19890	CODE7B	втм	I GTNS	,3 ,*+16	,10			
12050 12055		00005 00005	0 9485 0 3781	19900			I,N40001					
12056 12068	26 32	12155 12153	03781 00000	19910 19920		SF	INDREC-2 INDREC-4	,N40001				
12080 12092	15	09599 09485	00001 000 0 1	19930 19940		T D M	SKIPSW I	,1	,10			
12104 12116	17 17	11672 06898	12116 12132	19950 19960		BTM BTM	GSBI PUTX	,*+12 ,*+16				
12132 12137		00005 00005	9 9570 9 3791	19970		DSA	BI,N40003,IND	REC				
12142	49	00005 11596	12157 00000	19980		В	CODE7C					
12152 12157		00006		19990 20000	INDREC		6,0					
12162		00005	10100	20010	CGC DW *****	1	5 DUTPUT COMPUTE	GO TO				
12164	17	05540	±2180 ⊕9485	20030	CODE 9P	DSA	GTNS I	,*+16				
12185 12186 12198	14	00005	02399 00104	20050		DSA CM		RIGHT PAREN				
12210	47 43	10146	01200	20070 20071 20073	*****		CODE9	******	************	*****	*****	
12222	49	12242 0832 2	02290	20075 20077		B7 TFM	*+20,0F31R+2 *+20 -NEXT,0		F DIAGNOSTIC MOI).E		
12242	26	03796	09485	20079	*••••	TF	N40004	,,,FORCE TRA	LE PRINI	• • • • • • • • • • • • • • • • • • • •	• • • • • •	
12254	11	03796 05540	000 0 1 +2282	20090 20100		AM BTM	N40004 GTNS	, I , 1 ,*+16	,10			
12282	1.	00005 00005	0 3796	20110		DSA	N40004 SL	, ++10				128
***** LOCTN	()P	P/L	PASS FORTRAN	PG/LN	LABEL		OPERANDS AND		NOVEMBER,	1966	PAGE	38
LOCTN 12288 12300	()P	P/L 07342 09599	Q 00001 00001	PG/LN 20130 20140	LABEL	TDM TDM	SS1 SKIPSW	, <u>1</u>	NOVEMBER,	1966	PAGE	38
LOCTN 12288	()P	P/L 07342	Q 00001 00001 ±2328 0 2399	PG/LN 20130 20140 20150 20160	LABEL	TDM TDM BTM DSA	SS1 SKIPSW SRFCT SL	, 1	NOVEMBER,	1966	PAGE	38
LOCTN 12288 12300 12312 12328 12333 12334 12350	()P	P/L 07342 09599 04276 00005 06898 00005	Q 00001 00001 ±2328 02399 03796 ±2350 09337	PG/LN 20130 20140 20150 20160 20170 20180 20190	LABEL	TDM TDM BTM	SS1 SKIPSW SRFCT	, <u>1</u>	NOVEMBER,	1966	PAGE	38
LOCTN 12288 12300 12312 12328 12333 12334 12355 12360	()P 15 15 17	P/L 07342 09599 04276 00005 00005 06898 00005 00005	Q 00001 00001 ±2328 #2399 #3796 ±2350 #9337 #3796 #9455	PG/LN 20130 20140 20150 20160 20170 20180 20190 20200 20210	LABEL	TDM TDM BTM DSA DSA BTM DSA DSA DSA	SS1 SKIPSW SRFCT SL N40004 PUTX MM N40004 MNS5	,1 ,1 ,*+16	NOVEMBER,	1966	PAGF	38
LOCTN 12288 12300 12312 12328 12333 12334 12350 12355 12360 12362 12374	()P 15 15 17 17	P/L 07342 09599 04276 00005 06898 00005 00005 07343 03781	Q 00001 00001 ±2328 02399 93796 ±2350 99337 69455 00001 06843	PG/LN 20130 20140 20150 20160 20170 20180 20190 20200 20210 20220 20230	LABEL	TDM TDM BTM DSA DSA BTM DSA DSA DSA TDM TF	SS1 SKIPSW SRFCT SL N40004 PUTX MM N40004 MNS5 SS2 N40001	,1 ,1 ,*+16 ,*+16		1966	PAGE	38
LOCTN 12288 12302 12312 12328 12333 12334 12350 12355 12360 12362 12374 12386	()P 15 15 17 17	P/L 07342 09599 04276 00005 00005 00005 00005 07343 03781 06898	Q 00001 00001 12328 92399 93776 12350 99337 99455 00001 06843 00018 12414	PG/LN 20130 20140 20150 20160 20170 20180 20190 20200 20210 20220 20220 20230 20240 20250	LABEL	TDM TDM BTM DSA DSA BTM DSA DSA DSA TDM TF AM BTM	SS1 SKIPSW SRFCT SL N40004 PUTX MM N40004 MNS5 SS2 N40001 N40001 PUTX	,1 ,1 ,*+16 ,*+16	NOVEMBER,	1966	PAGF	38
LOCTN 12288 12302 12312 12328 12334 12355 12360 12362 12374 12386 12398 12414	OP 15 15 17 17	P/L 07342 09599 04276 00005 06898 00005 00005 07343 03781 03781 06898 00005 00005	Q 00001 00001 ±2328 02399 93796 ±2350 09337 03796 09001 06843 00018 ±2414 09382	PG/LN 20130 20140 20150 20160 20170 20180 20200 20210 20220 20230 20240 20250 20250 20270	LABEL	TDM TDM BTM DSA BTM DSA DSA DSA TDM TF BTM DSA DSA	SS1 SKIPSW SKFCT SL N40004 PUTX MM N40004 MNS5 SS2 N40001 N40001 PUTX SM N13092	,1 ,1 ,*+16 ,*+16		1966	PAGE	38
LOCTN 12268 12300 12312 12328 12333 12334 12350 12362 12374 12386 12398 12414 12419 12424	15 15 17 17 17 15 26 11 17	P/L 07342 09599 04276 00005 00005 00005 00005 07343 03781 03781 06898 00005 00005 00005	Q 00001 00001 12328 92399 93796 12350 99377 63796 69455 00001 06843 00018 12414 99382 99357 93781 00003	PG/LN 20130 20140 20150 20150 20160 20170 20200 20210 20220 20230 20240 20250 20260 20270 20270 20290	LABEL	TDM TDM DSA DSA BTM DSA DSA TDM TF AM BTM DSA DSA TDM TF	SS1 SKIPSW SRFCT SL N40004 PUTX MM N40004 MNS5 SS2 N40001 N40001 PUTX SM N13092 N40001 1	,1 ,1 ,*+16 ,*+16 ,1 ,ADCOW ,18 ,*+16		1966	PAGE	38
12288 12300 12312 12328 12333 12334 12355 12355 12362 12374 12386 12398 12414 12419 12424 12426 12438	0P 15 15 17 17 15 26 11	P/L 07342 09599 04276 00005 00005 00005 00005 00005 00005 00005 00005 00005 00005 00005 00005 00005	Q 00001 00001 12328 92399 93776 12350 99337 93776 69455 00001 06843 0001 12414 99382 99357 93781 09003 00001 12466	PG/LN 20130 20140 20150 20160 20170 20180 20190 20200 20210 20240 20250 20260 20270 20260 20270 20300 20300 20310 20310 20310	LABEL	TDM BTM DSA BTM DSA BTM DSA DSA TDM TF BTM DSA DSA TDM TF BTM DSA	SS1 SKIPSW SRFCT SL N40004 PUTX MM N40004 MNS5 SS2 N40001 N40001 PUTX SM N13092 N40001 1 SS3 GTNS	,1 ,1 ,*+16 ,*+16 ,1 ,ADCOW ,18 ,*+16	,10	1966	PAGE	38
12288 12300 12312 12328 12333 12334 12355 12360 12362 12374 12386 12374 12419 12424 12426 12438 12450 12461	0P 15 15 17 17 15 26 11 17	P/L 07342 09599 04276 00005 00005 00005 00005 07343 03781 03781 06898 00005 00005 00005 00005	Q 00001 00001 12328 62399 63796 12350 69455 00001 06843 00048 12414 69382 69357 63781 06003 00001 124666 69485 10881	PG/LN 20130 20140 20150 20160 20170 20180 20200 20220 20220 20250 20260 20270 20280 20290 20310 20320 20330 20330	LABEL	TDM BTM DSA DSA DSA DSA DSA DSA TDM BTM DSA DSA TFM DSA DSA TFM DSA DSA TFM DSA DSA	SS1 SK1PSW SRFCT SL N40004 PUTX MM N40004 MNS5 SS2 N40001 N40001 PUTX SM N13092 N40001 I SS3 GTNS I SK	,1 ,1 ,*+16 ,*+16 ,1 ,ADCOW ,18 ,*+16	,10	1966	PAGE	38
LOCTN 12288 12330 12312 12328 12333 12334 12350 12362 12374 12386 12398 12414 12419 12424 12426 12438 12450 124671 12472 12488	0P 15 15 17 17 15 26 11 17	P/L 07342 09599 04276 00005 00005 00005 00005 07343 03781 06898 00005 00005 00005 00005 00005 00005 00005	Q 00001 00001 12328 62399 63796 12350 69337 63796 69455 00001 06843 00018 12414 69382 69357 63781 06003 00001 12466 69485 10881	PG/LN 20130 20140 20150 20160 20170 20180 20190 20200 20210 20240 20250 20260 20270 20260 20300 20310 20340 20350 20350 20350 20350 20350 20350 20350 20350 20350 20350 20350 20350 20350 20350 20350 20350 20350 20350 20350	LABEL	TDM BTM DSA DSA DSA DSA TDM TFM DSA DSA TTFM DSA DSA TFM DSA DSA TFM DSA DSA TFM DSA DSA	SS1 SK1PSW SRFCT SL N40004 PUTX MM N40001 MNS5 SS2 N40001 N40001 PUTX SM N13092 N40001 1 SS3 GTNS I SK SRFCT SK	,1 ,1 ,*+16 ,*+16 ,*+16 ,1 ,ADCOW ,18 ,*+16	,10	1966	PAGE	38
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LOCTN 12288 12330 12312 12328 12334 12350 12352 12360 12362 12374 12386 12414 12442 12426 12471 12472 12488 124494 12506 12471 12472 12588 12558 12558 12564 125762 12588 12564 125762 12604 12607	15 15 17 17 17 16 11 17 17 17 15 444 21 11 17 15 17 17 14 17 14 17	P/L 07342 09599 04276 00005	Q 00001 00001 12328 62399 63796 62399 63796 69455 00001 66443 00048 42414 69382 69387 63781 00003 00001 124666 69485 10881 12488 108881 12488 108881 12488 12488 12888 12888 12888	PG/LN 20130 20140 20150 20160 20170 20180 20190 20220 20230 20240 20250 20260 20270 20310 20310 20340 20340 20340 20340 20340 20350 20360 20370 20380 20340 20340 20440 20450 20470 20450 20460 20470 20450 20460 20470 20550 20550	CUDE 9B	TDDM BDDSAM BDSAM BBDSAM BBD	SS1 SK1PSW SRFCT SL N40004 PUTX MM N40001 N40001 N40001 PUTX SM N13092 N40001 1 SS3 GTNS 1 SK FFCT SK N40004 SK1PSW CODE9B CGCOW INSET SK,CGCOW SS2 PUTX B N13092 N	,1 ,1 ,1 ,*+16 ,*+16 ,*+16 ,1 ,*+16 ,*+16 ,*+16 ,*+16 ,*+16 ,*+16 ,*+16 ,*+16 ,**+16	,10 ,8 ,10	1966	PAGE	38
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LOCTN 12288 12300 12312 12328 12333 12334 12350 12352 12362 12374 12386 12398 12414 12419 12424 12426 12438 12450 12467 12472 12488 12493 12550 12558 12550 12562 12558 12563 12564 12576 12586 12586 12586 12586 12586 12586	15 15 17 17 15 16 11 17 15 17 16 17 14 17 15 17 15 17 15 17 17 16 17 17 15 17 17 16 17 17 17 18 18 18 18 18 18 18 18 18 18 18 18 18	P/L 07342 09599 04276 00005 00005 00005 00005 07343 03781 03781 03781 03781 03781 04276 00005 09485 07005	Q 00001 00001 12328 62399 63796 12350 69337 63796 69455 00001 06843 00018 12446 69382 69357 63781 00001 12466 694881 12488 124	PG/LN 20130 20140 20150 20160 20170 20160 20170 20200 20210 20220 20230 20240 20250 20260 20270 20310 20340 20340 20340 20340 20340 20340 20350 20360 20370 20380 20340 20350 20440 20450 20470 20550 20560 20560 20570 20580 20550 20560 20560 20610 20630	CUDE 9B	TDDM BODSAM BODS	SS1 SKIPSW SRFCT SL N40004 PUTX MM N40001 N40001 N40001 N40001 1 SS3 GTNS I SK RFCT SK N40004 SKIPSW CODE9B CGCOW GGCOW INSET SK, GGCOW SS2 PUTX B N13092 N40004 I SKIPSW CODE9B CGCOW INSET SK, GGCOW SS2 PUTX B N13092 N40004 I SKIPSW CODE9B CGCOW INSET SK, GGCOW SS2 PUTX B N13092 N40004 I SKIPSW CODE9B CGCOW INSET SK, GGCOW SS2 PUTX B N13092 N40004 I SKIPSW CODE9B CGCOW SS2 PUTX SKIPSW SK, GGCOW SS2 PUTX SKIPSW SKIP	,1 ,1 ,*+16 ,*+16 ,1 ,ADCOW ,18 ,3 ,1 ,*+16 ,*+16 ,*+16 ,0 ,ADCOW ,5 ,*+16 ,*+16 ,*+16 ,*+16 ,*+16 ,*+16	,10 ,8 ,10	1966	PAGE	38
LOCTN 12288 12330 12312 12328 12334 12335 12336 12355 12360 12362 12374 12386 12414 12419 12426 12438 12450 12468 12471	15 17 17 17 15 26 11 17 17 15 42 46 11 17 15 17 17 16 17 17 14 46 17 17	P/L 07342 09599 04276 00005	Q 00001 00001 12328 42399 63796 12350 69337 63796 12350 69455 00001 06843 00018 12414 69382 69387 00001 12466 69485 10881 12488 10881 12488 10881 12488 10881 12488 10881 12488 10881 12488 10881 12462 00000 15085 06843 00005 12592 66848 10881 12162 00001 12592 12687 12881 1288	PG/LN 20130 20140 20150 20160 20170 20180 20190 20210 20220 20230 20240 20250 20250 20260 20330 20340 20340 20350 20360 20350 20360 20370 20380 20340 20410 20420 20450 20450 20450 20450 20450 20450 20550 20560 20570 20580 20550 20560 20570 20580 20590 20500 20500 20500 20500 20600 20610	CUDE 9B	TDDM BDSAM B	SS1 SKIPSW SKIPSW SRFCT SL N40004 PUTX MM N40004 MNS5 SS2 N40001 N40001 1 SS3 GTNS I SK N400004 SS7 SRFCT SKIPSW CODE9B CGCOW INSET SKIPSW CODE9B CGCOW INSET SK,CGCOW SS2 PUTX SM N40004 INSET SK,CGCOW SS2 PUTX SK,CGCOW SS2 PUTX SK,CGCOW SS2 PUTX SK,CGCOW SS2 PUTX SK,CGCOW INSET SK,CGCOW SS2 PUTX SK,CGCOW SS2 PUTX SK,CGCOW SS2 PUTX SK,CGCOW SS2 PUTX SK,CGCOW SS2 PUTX SK,CGCOW SS2 PUTX SK,CGCOW SS2 PUTX SK,CGCOW SS1,SCCOW SS2 PUTX SK,CGCOW SS1,SCCOW SS2 PUTX SK,CGCOW SS1,SC	,1 ,1 ,1 ,*+16 ,*+16 ,*+16 ,1 ,ADCOW ,18 ,*+16 ,*+16 ,*+16 ,*+16 ,*+16 ,*+16 ,*+16 ,*+16 ,*+16 ,*+16 ,*+16 ,*+16	,10 ,8 ,10	1966	PAGE	38

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LOCTN		P/L	Q Q		LABEL	MNEM	NOVEMBER, 1966 P OPERANDS AND REMARKS	AGE 39	
12811		00005	±2162	. 0, 2,,	ENDEE		CI ENAMOS AND NEWWOOD	1	
12812 12828	17	08018 00005	1-2828 0-3781	20670 20680	CODE9C	BTM DSA	PUTC ,*+16 N40001		
12830 12842	11 49	09485 12662	000 0 1 00000	20690 20700		AM B	I ,1 ,10 CODE 9A		
12850 12850 12862	17 49	03842 02628	9 6843 00000	20710	N60072	DORG BTM B	ADJUST , ADCOW		
12870	77	02020	00000	20730 20740 20750	*****	DORG	CLEAR *-3 UTPUTS FORMAT SPECIFICATIONS		
12874 12879		00005 00005	0 9485 1 3137	20760	CD17P		1,5X17		
12880 12896	17	05510 00005	1 2896 0 9485	20770 20780		BTM DSA	RMNS,*+16 I,SX17		
12901	26	00005 14371	±3137 06843	20790		TF	REP3,ADCOW,, SAVE ADDRESS OF 1ST SPEC		
12914 12926 12938	11 17 17	06843 13936 05510	000 0 1 12938 12954	20800 20810 20820	CD17A	AM BTM BTM	ADCOW ,1 ,,10 CKXH,*+12		
12954 12959	1,	00005	09485 13137	20830		DSA	RMNS,*+16,, REMOVE A SYMBOL 1,SX17		
12960 12972	14 46	13137	0 0 101 01300	20840 20850		CM BNL	SX17, 101,8,1S IT AN OPERATOR CD17B,,, YES, BRANCH		
12984 13000	17	05510 00005	1 3000 0 9485	20860 20870	XRMNS	BTM DSA	RMNS,*+16,, REMOVE NEXT SYMBOL 1,SY17		
13005 13006	14	00005 14243	14243 00147	20880		СМ	SY17, 147,8,IS IT XTYPE		
13018 13030 13042	46 14 46	13138 14243 13198	01200 0 0 148 01200	20890 20900 20910		BE CM BE	CD17C SY17, 148,8,IS IT HTYPE CD17D		
13054	14	14243 13328	0 0 124 01200	20920		CM BE	CD17E 124,8,1S IT LEFT PAREN		
13078 13090	26 26	13233 13197	13137 06843	20940 20950		TF TF	FREOL,SX17,, OTHER OPERATOR, SAVE FREO REPLADORM, SAVE ADDRESS OF MEXT SPEC		
13102 13114	11 26	13197 13137	000 0 4 14243	20960 20970		AM TF	REP1,4,10 SX17,SY17		
13126	49	13400	00000	20980	SX17	B DS	CD17B ,*		
13138 13150 13162	17 13 32	14520 13137 00097	04212 00002 00000	21000 21010 21020	CD17C	BTM MM SF	PUTIT,XTYPE,, PUT XTYPE AND LENGTH SX17,2,10 97		
13174	27 49	14556 12926	00000 00099 00000	21030 21040		BT B	PUT17C,99 CD17A		
13197 13198	17	00000 14520	0 4207	21050 21060	REP1 CÐ17D	DS BTM	,* PUT17,HTYPE,, PUT HTYPE, LENGTH AND CONSTANTS		
13210 13222	13 32	13137 00097	000 0 2 00 0 00	21070 21080		MM SF	SX17,2,10 97,,9		
13233	27	00000 14556	00099	21090	FREQ1	DS BT	,* PUT17C,99		
13246 13262 13267	17	05510 00005 00005	+3262 +9485 +4243	21110 21120	CD17F	BTM DSA	RMNS,*+16 I,SY17		
13268	27 12	14604	14243 000 0 1	21130 21140		BT SM	PUT178,SY17 SX17,1,10		
13292 13304	14 46	13137 13246	00 0 00 01100	21150 21160		СМ ВН	SX17,0,9 CD17F		_
13316	49	12926	00000	21170		В	CD17A	130	9
***** LOCTN	OP.	SECOND P/L	PASS FÜRTRAN Q		LABEL	MNEM	NUVEMBER, 1966 P) OPERANDS AND REMARKS	AGE 40	
LOCTN 13327 13328	0P 26	P/L 00000 14371	Q 06843	PG/LN 21180 21190	REP2	DS TF	OPERANDS AND REMARKS ,* REP3,ADCOW,, SAVE FREQUENCY ADDRESS	AGE 40	
LOCTN 13327 13328 13340 13352	0P 26 12 26	P/L 00000 14371 14371 13327	Q 06843 000 0 1 06843	PG/LN 21180 21190 21200 21210	REP2	DS TF SM TF	OPERANDS AND REMARKS ,* REP3,ADCOW,, SAVE FREQUENCY ADDRESS REP3,1,10 REP2,ADCOW	AGE 40	
13327 13328 13340 13352 13364 13376	0P 26 12 26 11 26	P/L 00000 14371 14371 13327 13327 13399	Q 06843 00001 06843 00004 13137	PG/LN 21180 21190 21200 21210 21220 21230	REP2	DS TF SM TF AM TF	OPERANDS AND REMARKS ,* REP3,ADCOW,, SAVE FREQUENCY ADDRESS REP3,1,10 REP2,ADCOW REP2,4+10 FREQ2,5X17	46E 40	
LOCTN 13327 13328 13340 13352 13364	0P 26 12 26 11	P/L 00000 14371 14371 13327 13327	Q 06843 000 0 1 06843 000 0 4	PG/LN 21180 21190 21200 21210 21220 21230 21240 21250	REP2	DS TF SM TF AM	OPERANDS AND REMARKS ,* REP3,ADCOW,, REP3,1,10 REP2,ADCOW REP2,4,10 FRE02,SX17 CD17A,,9 ,*	AGE 40	
LCCTN 13327 13328 13340 13352 13364 13376 13388 13399 13400 13412 13424	0P 26 12 26 11 26 49 14 46 14	P/L 00000 14371 14371 13327 13327 13329 12926 00000 13137 14276 13137	Q 06843 00001 06843 00004 13137 00000 00104 01200 00145	PG/LN 21180 21190 21200 21210 21220 21230 21240 21250 21260 21270 21280	REP2 CD17E	DS TF SM TF AM TF B DS CM BE CM	OPERANDS AND REMARKS ,* REP3,ADCOW,, SAVE FREQUENCY ADDRESS REP3,1,10 REP2,ADCOW REP2,4-10 FREG2,SX17 CD174,,9 ,* SX17, 104,8,RIGHT PAREN CD176 SX17, 145,8,F TYPE	AGE 40	
LCCTN 13327 13328 13340 13352 13364 13376 13388 13399 13400 13412 13424 13424 13436	26 12 26 11 26 49 14 46 14 46 14	P/L 00000 14371 14371 13327 13327 13399 12926 00000 13137 14276 13137 14244 13137	Q 06843 00001 06843 00004 13137 00000 00104 01200 00145 01200 00121	PG/LN 21180 21190 21200 21210 21220 21230 21240 21250 21250 21270 21280 21290 21300	REP2 CD17E	DS TF SM TF AM TF B DS CM BE CM BE	OPERANDS AND REMARKS ,* REP3,ADCOW,, SAVE FREQUENCY ADDRESS REP3,1,10 REP2,ADCOW REP2,4-10 FREG2,54.10 FREG2,54.17 CD174,,9 ,* X17, 104,8,RIGHT PAREN CD17G SX17, 145,8,F TYPE CD17H SX17, 121,8,SLASH	AGF 40	
LOCTN 13327 13328 13340 13352 13364 13376 13388 13399 13412 13424 13426 13428 13426 13427	0P 26 12 26 11 26 49 14 46 14 46 14	P/L 00000 14371 14371 13327 13327 13327 13329 12926 00000 13137 14274 13137 14244 13137	Q 06843 00001 06843 00004 13137 00000 00104 01200 00145 01200 00121 01200 00144	PG/LN 21180 21190 21200 21220 21230 21240 21250 21260 21270 21280 21290 21300 21310 21320	REP2 CD17E	DSF SF SF SF SF SF SF SF SF SF SF SF SF S	OPERANDS AND REMARKS ,* REP3,ADCOW,, SAVE FREQUENCY ADDRESS REP3,1:10 REP2,ADCOW REP2,4:10 FREG2,SX:17 COLTA,,9 ,* SX17, 104,8,RIGHT PAREN COLT6 SX17, 145,8,E TYPE COL7H SX17, 121,8,SLASH COL7I SX17, 144,8,A TYPE	46F 40	
13327 13328 13340 13352 13364 13376 13388 13399 13400 13412 13424 13436 13460 13472 13484 13466 13472 13486 13476 13476	0P 26 12 26 11 26 49 14 46 14 46 14 46 14 46	P/L 00000 14371 14371 13327 13327 13329 12926 00000 13137 14276 13137 14264 13137 13636 13137 13668	Q 06843 00001 06843 00004 13137 00000 00104 01200 00105 01200 00120 00121	PG/LN 21180 21190 21200 21210 21220 21220 21230 21250 21260 21270 21280 21290 21300 21310	REP2 CD17E	DS TF SM TF AM TF DS CM BCM BCM BCM BCM BCM BCM	OPERANDS AND REMARKS ,* REP3,ADCOW,, SAVE FREQUENCY ADDRESS REP3,1,10 REP2,ADCOW REP2,4,10 FREG2,5X17 CD17A,9 ,* SX17, 104,8,RIGHT PAREN CD17A SX17, 145,8,E TYPE CD17H SX17, 121,8,SLASH CD17I	46F 40	
LOCTN 13327 13328 13340 13352 13364 13378 13388 13399 13400 13412 13424 13434 13436 13472 13484 13496 13508	0P 26 12 26 11 26 49 14 46 14 46 14 46 14 46 14 46	P/L 00000 14371 14371 13327 13327 13329 12926 00000 13137 14276 13137 13636 13137 13636 13137 13630 13137	Q 06843 00001 06843 00004 13137 00000 00104 01200 00145 01200 00144 01200 00144 01200 00146 01200 00146 01200	PG/LN 21180 21190 21200 21210 21220 21250 21250 21250 21260 21250 21250 21300 21310 21350 21350 21350 21370	REP2 CD17E	DTFM F SMEMEMEMEMEMEMEMEMEMEMEMEMEMEMEMEMEMEME	OPERANDS AND REMARKS ,* REP3,ADCOW,, SAVE FREQUENCY ADDRESS REP3,1,10 REP2,ADCOW REP2,4-10 FREG2,5-10 FREG2,5-17 CD174,,9 ,* 1, 104,8,RIGHT PAREN CD17G SX17, 104,8,F TYPE CD17H SX17, 121,8,SLASH CD17I SX17, 144,8,A TYPE CD17J SX17, 144,8,A TYPE CD17K SX17, 146,8,F TYPE CD17K SX17, 146,8,F TYPE	AGE 40	
13327 13328 13340 13352 13364 13376 13388 13399 13400 13412 13424 13436 13448 13448 13450 13472 13484 13496 13508 13508	26 12 26 11 26 49 14 46 14 46 14 46 14 46 14 46 14 46 14 46 14 46 14 46 14 46 14 46 16 16 16 16 16 16 16 16 16 16 16 16 16	P/L 00000 14371 14371 13327 13327 13329 12926 00000 13137 14276 13137 13636 13137 13638 13137 13850 13137 14372	Q 06843 00001 06843 00004 13137 00000 00104 01200 00145 01200 00144 01200 00144 01200 00146 01200 00146 01200 00130	PG/LN 21180 21190 21200 21210 21220 21220 21250 21250 21260 21270 21280 21370 21380 21350 21370 21380 21370 21380 21390 21390	REP2 CD17E	DTSTATE DCBCBCBCBCBCBCBCBCBCBCBCBCBCBCBCBCBCBCB	OPERANDS AND REMARKS ,* REP3,ADCOW,, SAVE FREQUENCY ADDRESS REP3,1,10 REP2,ADCOW REP2,ADCOW RE2,4,10 FREG2,5X17 CD17A,,9 ,* SX17, 104,8,RIGHT PAREN CD17G SX17, 145,8,E TYPE CD17H SX17, 121,8,SLASH CD17I SX17, 144,8,A TYPE CD17J SX17, 149,8,I TYPE CD17L SX17, 149,8,I TYPE CD17L SX17, 146,8,F TYPE CD17L SX17, 146,8,F TYPE CD17L SX17, 146,8,F TYPE CD17L SX17, 132,8,SEMI COL(IN	AGE 40	
13327 13328 13340 13352 13364 13376 13388 13399 13400 13412 13424 13436 13448 13450 13472 13484 13496 13508 13508 13508 13532 13556 13568	0P 26 12 26 12 649 14 46	P/L 00000 14371 14371 13327 13327 13329 00000 13137 14276 13137 14276 13137 13668 13137 13685 13137 13685 13137 13637 13137	0 06843 00001 06843 00004 13137 00000 00104 01200 00145 01200 00145 01200 00144 01200 00149 01200 00146 01200 00132 01200 00132 01200 00132 01200 00132 01200	PG/LN 21180 21190 21200 21210 21220 21220 21240 21250 21270 21300 21310 21320 21310 21350 21370 21380 21390 21390 21410	REP2 CD17E FRE02 CD17B	DTSTAME SMEMEMEMEMEMEMEM NEMEMEM NEMEMEMEMEMEMEME	OPERANDS AND REMARKS ,* REP3,ADCOW,, SAVE FREQUENCY ADDRESS REP2,A110 REP2,ADCOW REP2,4,10 FREG2,5X17 CD17A,,9 ,* SX17, 104,8,RIGHT PAREN CD17G SX17, 145,8,E TYPE CD17H SX17, 121,8,SLASH CD17I SX17, 144,8,A TYPE CD17J SX17, 144,8,A TYPE CD17X SX17, 146,8,F TYPE CD17K SX17, 146,8,F TYPE CD17L SX17, 146,8,F TYPE CD17L SX17, 146,8,F TYPE CD17L SX17, 132,8,SEMI COL(IN CD17SC SX17, 124,8,LEFT PAREN CD17A, CMA	AGF 40	
13327 13328 13340 13352 13364 13376 13388 13399 13400 13412 13424 13426 13428 13486 13486 13472 13484 13508 13502 13534 13556	0P 26 12 26 11 26 49 14 46 14 46 14 46 14 46 14 46 14	P/L 00000 14371 14371 13327 13327 13329 12926 00000 13137 14276 13137 14274 13137 13636 13137 13650 13137 13650 13137 13630 13137	Q 06843 00001 06843 00004 13137 00000 00104 01200 00145 01200 00121 01200 00144 01200 00146 01200 00146 01200 00146 01200 00132 01200 00132 01200 00132 01200 00134 01200 00134	PG/LN 21180 21190 21210 21210 21220 21230 21240 21250 21270 21260 21270 21380 21380 21340 21340 21370 21380	REP2 CD17E	OTSTATBOCBCBCBCBCBCBCBCBCBCBCBTF	OPERANDS AND REMARKS ,* REP3,ADCOW,, SAVE FREQUENCY ADDRESS REP3,1,10 REP2,ADCOW REP2,4,10 FREQ2,5X,17 CD174,9 ,* SX17, 104,8,RIGHT PAREN CD176 SX17, 145,8,E TYPE CD17H SX17, 121,8,SLASH CD17I SX17, 144,8,A TYPE CD17H SX17, 144,8,A TYPE CD17J SX17, 149,8,I TYPE CD17L SX17, 149,8,I TYPE CD17L SX17, 132,8,SEMI COLON CD17SC SX17, 124,8,LEFT PAREN CD17A,,, CMA CKXH,**12 REP3,ADCOW, SAVE REPEAT ADDRESS	AGE 40	
13327 13328 13340 13352 13364 13376 13388 13399 13400 13412 13424 13436 13448 13450 13472 13508	0P 26 11 26 11 26 14 46 14 46 14 46 14 46 14 47 17 26 12 49	00000 14371 14371 13327 13327 13327 12926 00000 13137 14276 13137 14284 13137 13688 13137 13685 13137 13685 13137 1369 13137 14372 13137 14372 14372 14372 14372 14372 14371 14371 14371	Q 06843 00001 06843 00004 13137 00000 00104 01200 00145 01200 00121 01200 00149 01200 00149 01200 00149 01200 00120 00120 00120 00120 00132 01200 00149 01200 00149 01200 00100 00100 00100 00100 00100	PG/LN 21180 21190 21200 21210 21220 21220 21240 21250 21270 21300 21310 21350 21340 21370 21340 21370 21410 21420 21440 21450	REP2 CD17E FRE02 CD17B	DTSTATE DCBCBCBCBCBCBCBBTF M FMF SMEMEMEMEMEMEMEMEMEMEM GM	OPERANDS AND REMARKS ,* REP3,ADCOW,, SAVE FREQUENCY ADDRESS REP3,1,10 REP2,ADCOW REP2,4,10 FREG2,5X17 CD17A,,9 ,* SX17, 104,8,RIGHT PAREN CD17G SX17, 145,8,E TYPE CD17H SX17, 121,8,SLASH CD17I SX17, 144,8,A TYPE CD17J SX17, 144,8,A TYPE CD17K SX17, 149,8,I TYPE CD17K SX17, 146,8,F TYPE CD17L SX17, 122,8,SEMI COL(IN CD17SC SX17, 124,8,LEFT PAREN CD17A,, CMA CKXH,**12 REP3,ADCOW,, SAVE REPEAT ADDRESS REP3,1,10 CD17A *~3	AGE 40	
13327 13328 13340 13352 13364 13376 13388 13399 13400 13412 13424 13434 13448 13450 13472 13484 13508 13500 13500 13500 13500 13500 13500 13500 13500 13500 13500 13500 13500 13500 13610 13616 13626 13636 13636 13636	26 12 26 12 11 12 49 14 46 46 44 46 44 46 44 47 72 61 12 49	00000 14371 14371 13327 13327 12326 00000 13137 14276 13137 14274 13137 13636 13137 13650 13137 13650 13137 14372 1347 1347 1347 1347 1347 1347 1347 1347	Q 06843 00001 06843 00004 13137 00000 00104 01200 00145 01200 00145 01200 00146 01200 00146 01200 00140 01200 00132 01200 00132 01200 00133 01200 00124 01200 00134 01200 00134 01200 00134 0134 0135 0136 04177	PG/LN 21180 21190 212100 21210 21220 21220 21250 21270 21280 21270 21280 21310 21320 21340 21370 21380 21340 21410 21420 21480 21440 21470 21480	REP2 CD17E FRE02 CD17B	DTSTATE DCBCBCBCBCBCBCBCBBBTFM GRMEMEMEMEMEMEMEMEMEMEMEMEMEMEMEMEMEMEME	OPERANDS AND REMARKS ,* REP3,ADCOW,, SAVE FREQUENCY ADDRESS REP3,1,10 REP2,ADCOW REP2,4,10 FRE02,5X17 CD17A,9 ,* SX17, 104,8,RIGHT PAREN CD17G SX17, 145,8,E TYPE CD17H SX17, 121,8,SLASH CD17I SX17, 144,8,A TYPE CD17H SX17, 144,8,A TYPE CD17I SX17, 149,8,I TYPE CD17I SX17, 149,8,I TYPE CD17K SX17, 132,8,SEMI COLON CD17SC SX17, 132,8,SEMI COLON CD17A,,, CMA CKYH,**12 REP3,ADCOW,, SAVE REPEAT ADDRESS REP3,1,10 CD17A *-3 CKXH,**12 REP3,1,10 CD17A *-3 CKXH,**12 REP3,1,10 CD17A *-3 CKXH,**12 REP3,1,10 CD17A *-3 CKXH,**12	AGE 40	
13327 13328 13340 13352 13364 13376 13388 13399 13400 13412 13424 13436 13448 13450 13472 13508 13508 13508 13508 13508 13508 13508 13508 13508 13568 13568 13568 13666 13636	26 12 26 11 126 49 14 46 46 46 46 46 46 46 46 47 47 17 26 49 17 49	00000 14371 14371 13327 13329 12926 00000 13137 14276 13137 14244 13137 13628 13137 13638 13137 13658 13137 13658 13137 12926 13936 14371 14372 14372 14372 14372 14371 14371 14371 14371	Q 06843 00001 06843 00004 13137 00000 00104 01200 00145 01200 00145 01200 00146 01200 00146 01200 00146 01200 00132 01200 00146 01200 00132 01200 00133 01200 00134 01200 00134 01200 00134 01200 00134 01200 00134 01200 00134 01200 00134 01200 00134 01200 00134 01200 00134 01200 00134 01200 00134 0013	PG/LN 21180 21190 21200 21210 21220 21220 21220 21250 21260 21270 21380 21390 21340 21340 21340 21440 21440 21440 21450 21450 21460 21470 21480 21490	REP2 CD17E FRE02 CD17B	DTSTATE DCBCBCBCBCBCBCBBTSM GMEM BM G G BCBCBCBCBCBCBBTSB DDBBB DDBB DDB DDBB DDBB DDB DDB DDB DDB DDBB DDB DDB DDB DDB DDB DDB DDB DDB DDB	OPERANDS AND REMARKS ,* REP3,ADCOW,, SAVE FREQUENCY ADDRESS REP3,1,10 REP2,ADCOW REP2,4+10 FREQ2,5X17 CD174,9 ,* SX17, 104,8,RIGHT PAREN CD176 SX17, 145,8,E TYPE CD17H SX17, 121,8,SLASH CD17I SX17, 144,8,A TYPE CD17H SX17, 144,8,A TYPE CD17H SX17, 146,8,F TYPE CD17H SX17, 146,8,F TYPE CD17I SX17, 124,8,LEFT PAREN CD17X SX17, 132,8,SEMI COLUN CD17C SX17, 124,8,LEFT PAREN CD17A,+, CMA CKXH,*+12 REP3,ADCOW,, SAVE REPEAT ADDRESS REP3,1,10 CD17A *-3 CKXH,*+12 PUT17,SLASH CD17A *-3	AGE 40	
13327 13328 13340 13352 13364 13376 13388 13399 13400 13412 13424 13438 13424 13438 13450 13556 13568 13556 13568 13592 13592 13592 13592 13616 13628 13636 13636 13636 13636 13668 13668	26 12 26 12 11 12 49 14 46 46 44 46 44 46 44 47 72 61 12 49	00000 14371 14371 13327 13327 12926 00000 13137 14276 13137 14274 13137 13636 13137 13636 13137 13636 13137 13636 13137 13636 13137 14372 13137 14372 13137 14372 13137 14372 13137 14372 13137 14372	Q 06843 00001 06843 00004 13137 00000 00104 01200 001145 01200 00121 01200 00149 01200 00149 01200 00149 01200 1200 00149 01200 1200 00149 01200 1200 00149 01200 13604 04177 00000 13680 04172	PG/LN 21180 21190 21200 21210 21220 21230 21240 21250 21270 21280 21310 21320 21310 21320 21310 21340 21370 21340 21340 21370 21340 21370 21340 21370 21340 21370 21380 21390 21410 21420 21410 21420 21450 21470 21450 21470 21450 21470 21530	REP2 CD17E FRE02 CD17B	DTF M F AT B D C B C B C B C B C B C B C B C B T S B D B T B	OPERANDS AND REMARKS ,** REP3,ADCOW,, SAVE FREQUENCY ADDRESS REP3,1,10 REP2,ADCOW REP2,4,10 FREG2,54,10 FREG2,54,17 CD17A,,9 ,** SX17, 104,8,RIGHT PAREN CD17G SX17, 145,8,F TYPE CD17H SX17, 121,8,SLASH CD17J SX17, 144,8,A TYPE CD17J SX17, 144,8,A TYPE CD17J SX17, 146,8,F TYPE CD17L SX17, 146,8,F TYPE CD17L SX17, 121,8,SLASH CD17A SX17, 124,8,LEFT PAREN CD17A SX17, 124,8,LEFT PAREN CD17A,, CMA CXH,**12 REP3,ADCOM,, SAVE REPEAT ADDRESS REP3,1,10 CD17A *-3 CKXH,**12 REP3,1,10 CD17A	AGE 40	
13327 13328 13340 13352 13364 13376 13388 13399 13400 13412 13424 13436 13448 13450 13472 13484 13450 1350 1350 1350 1350 1350 1350 1350 13	126 122 211 269 14 46 46 14 46 14 46 14 46 14 46 14 46 14 47 17 17 17 17	00000 14371 14371 13327 13327 12926 00000 13137 14276 13137 14244 13137 13636 13137 13636 13137 13650 13137 12926 13937 14372 12926 13936 14520 12926	Q 06843 00001 06843 00004 13137 00000 00104 01200 00145 01200 00145 01200 00146 01200 00146 01200 00146 01200 00146 01200 00146 01200 00130 00124 01200 00124 01200 136804 0843 00001 00000 13680 04177 00000 13680 04172 13708 04485 13137	PG/LN 21180 21190 21200 21210 21220 21230 21240 21250 21270 21270 21310 21320 21340 21340 21340 21340 21340 21340 21340 21340 21410 21420 21480 21490 21410 21490 21410 21450 21460 21470 21480 21490 21500 21510 21510 21510	REP2 CD17E FRE02 CD17B	DTSTATE DCBCBCBCBCBCBCBBBFF GM	OPERANDS AND REMARKS ,* REP3,ADCOW,, SAVE FREQUENCY ADDRESS REP3,1,10 REP2,ADCOW REP2,4,10 FREQ2,5X17 CD174,9 ,* SX17, 104,8,RIGHT PAREN CD17G SX17, 145,8,E TYPE CD17H SX17, 121,8,SLASH CD17H SX17, 144,8,A TYPE CD17H SX17, 144,8,A TYPE CD17H SX17, 149,8,I TYPE CD17L SX17, 149,8,I TYPE CD17L SX17, 132,8,SEM1 COLON CD17SC SX17, 132,8,SEM1 COLON CD17A,,, CMA CXH,**12 REP3,ADCOW,, SAVE REPEAT ADDRESS REP3,1,10 CD17A *-3 CKXH,**12 PUT17,SLASH CD17A *-3 CKXH,**12 PUT17,ATYPE RMMS,**16 I,SX17	AGE 40	
13327 13328 13340 13352 13364 13376 13388 13399 13400 13412 13424 13436 13448 13450 13452 13508 13508 13508 13508 13508 13508 13508 13508 13508 13508 13508 13508 13660 13668 13668 13668 13668 13668 13669 13708 13713 13713 13713	126 1126 11126 146 146 146 146 146 146 146 146 146 14	00000 14371 14371 13327 13329 00000 13137 14276 13137 14244 13137 13636 13137 14371 13636 13137 12926 13936 14371 14371 14371 12926 13936 14371 14371 14371 12926 13936 14371 14371 14371 12926 13936 14371 14371 14371 14371 12926 13936 14371 14371 14371 12926 13936 14371	Q 06843 00001 06843 00004 13137 00000 00104 01200 00145 01200 00145 01200 00146 01200 00146 01200 00146 01200 00146 01200 00146 01200 00130 00124 01200 00130 00124 01200 00124 01200 00124 01200 00124 01200 00124 01200 00124 01200 00124 01200 00124 01200 00124 01200 00124 01200 00124 01200 00124 01200 00124 01200 00124 01200 00124 01200 00124 01200 00124 01200 00125 000000	PG/LN 21180 21190 21200 21210 21220 21230 21240 21250 21260 21270 21310 21320 21340 21340 21340 21340 21340 21340 21340 21340 21340 21340 21450 21450 21450 21450 21450 21450 21450 21550 21500 21510 21510 21550	REP2 CD17E FRE02 CD17B	DTSTATE DCBCBCBCBCBCBCBBTSB DBBB DBTTS MFMF SMEMEMEMEMEMEMEMEMEM RMM RMM RMM RMM G MF	OPERANDS AND REMARKS ,* REP3,ADCOW,, SAVE FREQUENCY ADDRESS REP3,1,10 REP2,ADCOW REP2,4+10 FREQ2,5X17 CD17A,9 ,* SX17, 104,8,RIGHT PAREN CD17G SX17, 145,8,E TYPE CD17H SX17, 121,8,SLASH CD17I SX17, 144,8,A TYPE CD17H SX17, 144,8,A TYPE CD17H SX17, 149,8,I TYPE CD17I SX17, 149,8,I TYPE CD17I SX17, 12,8,SEMI COLUN CD17K SX17, 132,8,SEMI COLUN CD17C SX17, 124,8,LEFT PAREN CD17A,,, CMA CKXH,*+12 REP3,ADCOW,, SAVE REPEAT ADDRESS REP3,1,10 CD17A *-3 CKXH,*+12 PUT17,SLASH CD17A *-3 CKXH,*+12 PUT17,ATYPE RMMS,*+16 I,SX17 SX17,2,10 97	AGE 40	
13327 13328 13340 13356 13366 13388 13399 13400 13412 13424 13436 13468 13508 13520 13532 13534 13568 13568 13568 13568 13568 13668 13668 13668 13668 13668 13668 13675 13713	126 126 111 249 146 446 446 446 146 146 146 147 126 127 177 177 177 177 177 177 177 177	00000 14371 14371 13327 13327 12926 00000 13137 14276 13137 14244 13137 13636 13137 13636 13137 14372 13830 13137 12926 13936 14371 14372 12926 13936 14520 12926 13936 14520 12926 13936 14520 12926 13936 14520 12926 13936 14520 12926 13936 14520 12926 13936 14520 12926 13936 14520 12926 13936 14520 12926 13936 14520 12926 13936 14520	Q 06843 00001 06843 00004 13137 00000 00104 01200 00145 01200 00145 01200 00149 01200 00146 01200 00146 01200 00146 01200 00132 01200 00124 01200 00124 01200 01468 01477 00000 13648 04177 00000 13688 04177 00000 13688 04172 13708 09485 13137 00002 00000	PG/LN 21180 21190 21200 21210 21220 21220 21220 21250 21260 21270 21380 21290 21310 21340 21340 21340 21440 21450 21450 21450 21450 21450 21450 21450 21450 21550 21550 21550 21550 21550 21550 21570 21580	REP2 CD17E FRE02 CD17B	DTSTATB DCBCBCBCBCBCBCBBTFM GMM GMM GMSBCBCBCBCBCBCBCBBTFSBDBBBDD MSBCM	OPERANDS AND REMARKS ,* REP3,ADCOW,, SAVE FREQUENCY ADDRESS REP3,1,10 REP2,ADCOW REP2,4,10 FRE02,SX17 CD17A,,9 ,* SX17, 104,8,RIGHT PAREN CD17G SX17, 145,8,E TYPE CD17H SX17, 121,8,SLASH CD17I SX17, 144,8,A TYPE CD17J SX17, 149,8,I TYPE CD17I SX17, 149,8,I TYPE CD17X SX17, 149,8,I TYPE CD17X SX17, 124,8,LEFT PAREN CD17A SX17, 124,8,LEFT PAREN CD17A,,, CMA CKXH,**12 REP3,ADCOW,, SAVE REPEAT ADDRESS REP3,1,10 CD17A *-3 CKXH,**12 PUT17,SLASH CD17A *-3 CKXH,**12 PUT17,SLASH CD17A *-3 CKXH,**15 PUT17,ATYPE RMNS,**16 I,SX17 SX17,2,10 97 PUT17C,99 FRE01,0,9, PUT FREO RETURN ADDRESS	AGE 40	
13327 13328 13340 13352 13364 13378 13400 13412 13424 13436 13448 13446 13450 13472 13484 13466 13508 13502 13532 13532 13544 13508 13508 13508 13508 13616 13618 1368 1368 1368 1368 1368 1	126 1126 146 146 146 146 146 146 146 146 146 14	00000 14371 14371 13327 13327 12926 00000 13137 14276 13137 14244 13137 13636 13137 13650 13137 13650 13137 12926 13936 14372 12926 13936 14371 12926 14520 12926 13936 14520 12926 13937 14550 13937 14550	Q 06843 00001 06843 00004 13137 00000 00104 01200 00145 01200 00144 01200 00144 01200 00144 01200 00146 01200 00146 01200 0017	PG/LN 21180 21190 21200 212190 21220 21230 21240 21250 21240 21270 21380 21390 21310 21340 21350 21360 21370 21380 21340 21450 21450 21450 21450 21550 21560 21570 21580 21590	REP2 CD17E FRE02 CD17M CD17I	DTSTATE DCBCBCBCBCBCBCBBBTSB DBBBD MSBCBCBCBCBBBTSB DBBBD MSBCBCBCBCBCBCBCBCBCBCBCBCBCBCBCBCBCBCBC	OPERANDS AND REMARKS ,* REP3,ADCOW,, SAVE FREQUENCY ADDRESS REP3,1,10 REP2,ADCOW REP2,4-10 FREG2,54:10 FREG2,54:17 CD174,,9 ,* SX17, 104,8,RIGHT PAREN CD17G SX17, 145,8,F TYPE CD17H SX17, 121,8,SLASH CD17I SX17, 144,8,A TYPE CD17J SX17, 144,8,A TYPE CD17J SX17, 146,8,F TYPE CD17J SX17, 132,8,SEMI COLION CD17S CX17, 124,8,LEFT PAREN CD17A,, CMA CXXH,**12 REP3,ADCOM,, SAVE REPEAT ADDRESS REP3,1:10 CD17A *-3 CKXH,*+12 PUT17,5LASH CD17A *-3 CKXH,*+12 PUT17,5LASH CD17A *-3 CKXH,*+12 PUT17,ATYPE RMNS,*+16 I,SX17 SX17,2,10 97 PUT17C,99	AGE 40	
13327 13328 13340 13356 13386 13388 13399 13400 13412 13424 13436 13486 13508 13520 13532 13534 13568 13560 13570 13532 13534 13568 13580 13592 13534 13580 13592 13593	126 1126 1116 249 146 446 446 446 446 446 447 126 127 177 177 177 177 177 177 177 177 177	00000 14371 14371 13327 13327 12926 00000 13137 14276 13137 14244 13137 13636 13137 13636 13137 14372 13830 13137 12926 14371 14372 12926 14371 14372 12926 13936 14520 005510 00005 13137 14556 13233 12926 14520 14564 14520 1468 14520 1468 14520 1468 1468 14604 13233	Q 06843 00001 06843 00004 13137 00000 00104 01200 00145 01200 00145 01200 00149 01200 00146 01200 00146 01200 00146 01200	PG/LN 21180 21190 21210 21220 21220 21220 21220 21230 21240 21270 21310 21320 21340 21390 21340 21340 21340 21340 21340 21350 21360 21370 21480 21490 21410 21410 21450 21450 21450 21550 21510 21550 21570 21580 21590 21590 21590 215100 21610	REP2 CD17E FREO2 CD17M CD17I CD17J	DTSTATB DCBCBCBCBCBCBCBBTSB DBBBDD MSBCBBBTT FMF RMM RMM RMM RMM RMM RMM RMM RMM RMM	OPERANDS AND REMARKS ,* REP3,ADCOW,, SAVE FREQUENCY ADDRESS REP3,1,10 REP2,ADCOW REP2,4,10 FRE02,SX17 CD17A,,9 ,* SX17, 104,8,RIGHT PAREN CD17G SX17, 145,8,E TYPE CD17H SX17, 121,8,SLASH CD17I SX17, 144,8,A TYPE CD17H SX17, 149,8,I TYPE CD17H SX17, 149,8,I TYPE CD17I SX17, 149,8,I TYPE CD17X SX17, 149,8,I TYPE CD17X SX17, 124,8,LEFT PAREN CD17A,,, CMA CXXM,*+12 REP3,ADCOW,, SAVE REPEAT ADDRESS REP3,1,10 CD17A *-3 CKXM,*+12 PUT17,SLASH CD17A *-3 CKXH,*+12 PUT17,ATYPE RMMS,*+16 I,SX17 SX17,2,10 97 PUT17C,99 FRE01,0,9, PUT FRE0 RETURN ADDRESS CD17A PUT177,REP PUT171,REP1 PUT171	AGE 40	
13327 13328 13340 13356 13388 13399 13400 13412 13424 13426 13424 13456 13508 13500 13532 13532 13534 13536 13560 13570 13770	0P 26211 449 14644644641466146614467149 177 177 132214467127 169	00000 14371 14371 13327 13327 12226 00000 13137 14276 13137 14244 13137 13636 13137 13636 13137 12926 13936 14372 13137 12926 14372 12926 14372 12926 14372 12926 14373 12926 14373 12926 14520 12926 14520	Q 06843 00001 06843 00004 13137 00000 00104 01200 00145 01200 00145 01200 00149 01200 00146 01200 00132 01200 00132 01200 00132 01200 00132 01200 00132 01200 00132 13100 001200 00132 01200 001200 00132 01200 00132 01200 00132 01200 00132 01200 00132 01200 00132 01200 00132 01200 00132 01200 00132 01200 00132 00000 00000 00000 00000 00000 00000 0000	PG/LN 21180 21190 21210 21220 21230 21240 21250 21240 21250 21270 21380 21390 21310 21340 21340 21340 21340 21350 21360 21370 21380 21340 21450 21450 21450 21450 21450 21550 21560 21570 21580 21590 21590 21590 21590 21510	REP2 CD17E FRE02 CD17M CD17I CD17J	DTSTATBDCBCBCBCBCBCBCBBTSBDBBBDD MSBCBBBBTBDDT MSBCBBBBTBDDBBBBDD MSBCBBBBTBDDBBBBBDD MSBCBBBBTBDDBBBBBBBDDBBBBBBBBBBBBBBBBBBBB	OPERANDS AND REMARKS ,** REP3,ADCOW,, SAVE FREQUENCY ADDRESS REP3,1,10 REP2,ADCOW REP2,4,10 FRE02,SX17 CD17A,,9 ,* SX17, 104,8,RIGHT PAREN CD17G SX17, 121,8,SLASH CD17I 121,8,SLASH CD17I 144,8,A TYPE CD17H SX17, 144,8,A TYPE CD17J SX17, 146,8,F TYPE CD17J SX17, 149,8,I TYPE CD17X SX17, 12,8,SEMI COLON CD17SC SX17, 124,8,LEFT PAREN CD17A,,, CMA CXXH,**12 REP3,ADCOW,, SAVE REPEAT ADDRESS REP3,1,10 CD17A *-3 CKXH,**12 PUT17,SLASH CD17A *-3 CKXH,**12 PUT17,SLASH CD17A *-3 CKXH,**15 PUT17,STASH CN17A *-3 CKXH,**16 I,SX17 SX17,2,10 97 PUT17C,99 FRE01,0,9, PUT FRE0 RETURN ADDRESS CD17A PUT17,REP PUT171,REP1 PUT17B,FRE01 FRE61,0,9 CD17A *-3 *-3	AGE 40	
13327 13328 13340 13356 13388 13399 13400 13412 13424 13426 13424 13436 13520 13520 13520 13532 13544 13568 13560 13580	126 1126 1116 249 146 446 446 446 446 446 447 126 127 177 177 177 177 177 177 177 177 177	00000 14371 14371 13327 13327 12926 00000 13137 14276 13137 14244 13137 13636 13137 13636 13137 14372 13830 13137 12926 14371 14372 12926 14371 14372 12926 13936 14520 005510 00005 13137 14556 13233 12926 14520 14564 14520 1468 14520 1468 14520 1468 1468 14604 13233	Q 06843 00001 06843 00004 13137 00000 00104 01200 00145 01200 00145 01200 00149 01200 00146 01200 00146 01200 00146 01200	PG/LN 21180 21190 21200 21210 21220 21240 21250 21270 21280 21270 21380 21390 21310 21380 21390 21310 21340 21350 21360 21370 21380 21370 21380 21370 21380 21370 21380 21370 21380 21370 21380 21370 21380 21550 21560 21570 21580 21570 21580 21570 21580 21570 21580 21570 21580 21570 21580 21670	REP2 CD17E FREO2 CD17M CD17I CD17J	DTSTATEDCBCBCBCBCBCBCBBTSBDBBBD MSBCBBBTBDBB RM G MSBCBBBTBDBB RM G MSBCBBBTBDBBTBDBBBBD MSBCBBBTBDBBBTBDBBBBTBDBBBBTBDBBBBTBDBBBBTBDBBBTBDBBBTBDBBBTBDBBBTBDBBBTBDBBBBTBDBBBBTBDBBBBTBDBBBBTBDBBBBTBDBBBBTBDBBBBTBDBBBBTBDBBBBTBDBBBBTBDBBBBTBDBBBBTBDBBBBTBDBBBBTBDBBBBTBDBBBBTBDBBBBTBBBBTBBBBTBBBBBTBBBBBTBBBBBTBBBBBB	OPERANDS AND REMARKS ,** REP3,ADCOW,, SAVE FREQUENCY ADDRESS REP3,1,10 REP2,ADCOW REP2,4,10 FREG2,SX17 CD174,,9 ,** SX17, 104,8,RIGHT PAREN CD176 SX17, 145,8,E TYPE CD17H SX17, 121,8,SLASH CD17I SX17, 144,8,A TYPE CD17J SX17, 149,8,I TYPE CD17J SX17, 146,8,F TYPE CD17L SX17, 132,8,SEMI COLON CD17SC SX17, 124,8,LEFT PAREN CD17A,,, CMA CXXH,**12 REP3,ADCOW,, SAVE REPEAT ADDRESS REP3,1,10 CD17A *-3 CKXH,**12 PUT17,SLASH CD17A *-3 CKXH,**12 PUT17,ATYPE RMMS,**16 I,SX17 SX17,2,10 97 PUT17C,99 FREQ1,0,9, PUT FREQ RETURN ADDRESS CRITA PUT17B,FREQ1 FREG1,0,9 CD17A *-3	AGE 40	
13327 13328 13340 13364 13378 13388 13399 13400 13412 13424 13436 13520 13520 13520 13532 13544 13568 13568 13568 13568 13568 13568 13568 13568 13578	126 126 1126 146 146 146 146 146 146 146 14	00000 14371 14371 13327 13327 12926 00000 13137 14276 13137 14244 13137 13636 13137 13636 13137 13636 13137 12926 13936 14372 12926 14520 12926 14520 12926 14520 14550 13237 14556 13237 14556 14520 14550	Q 06843 00001 06843 00004 13137 00000 00104 01200 00145 01200 00145 01200 00146 01200 00146 01200 00146 01200 00146 01200 00146 01200 00146 01200 00146 01200 00146 11200 001200 001200 13604 01200 00124 01200 00124 01200 00124 01200 00124 01200 00124 01200 13604 0843 00000 13680 04172 13708 09485 13137 00000 00000 00000 001200 04182 13197 13233 00000 00000	PG/LN 21180 21190 21200 212100 212100 21220 21240 21250 21240 21250 21280 21290 21330 21340 21350 21360 21400 21450 21450 21450 21450 21550 21560 21570 21580 21570 21580 21570 2165	REP2 CD17E FRE02 CD17M CD17I CD17J	DTSTATE DCBCBCBCBCBCBCBBTSBDBBBDBBDDBBBDDBBBTBDBTBDBBDBBBDBBBTBDBBBBBB	OPERANDS AND REMARKS ,* REP3,ADCOW,, SAVE FREQUENCY ADDRESS REP3,1,10 REP2,ADCOW REP2,4,10 FREG2,5x17 CD174,,9 ,* SX17, 104,8,RIGHT PAREN CD17G SX17, 145,8,E TYPE CD17H SX17, 121,8,SLASH CD17J SX17, 144,8,A TYPE CD17J SX17, 149,8,I TYPE CD17J SX17, 124,8,LEFT PAREN CD17A SX17, 124,8,LEFT PAREN CD17A,, CMA CXH,**12 REP3,ADCOM,, SAVE REPEAT ADDRESS REP3,1,10 CD17A *-3 CKXH,*+12 PUT17,SLASH CD17A *-3 CKXH,*+12 PUT17,ATYPE RMNS,*+16 I,SX17 SX17,2,10 97 PUT17C,99 FREG1,0,9, PUT FREQ RETURN ADDRESS CRITA PUT17,REP PUT171,REP1 PUT171,REP1 PUT171,FEP1 PUT171,FEP1 PUT171,FEP2 PUT17,TTYPE CD17A *-3 PUT17,TTYPE CD1742 *-3 PUT17,TTYPE CD1742 *-3 PUT17,TTYPE CD17424 *-3 PUT17,TTYPE	AGE 40	
13327 13328 13340 13356 13386 13388 13399 13400 13412 13424 13436 13460 13472 13520 13532 13534 13508 13508 13500 13512 13580 13506 13508 13506 13508 13500 13616 13626 13636 13738 13738 13748 13778	10P 26211 269 146446446464646464646464646464646464646	P/L 00000 14371 14371 13327 13327 13329 12926 00001 13137 14244 13137 13668 13137 13668 13137 13626 13137 14526 13936 14520 12926 13936 14520 13936 14520 13936 14520 14520 14520	Q 06843 00001 06843 00004 13137 00000 00104 01200 00145 01200 00145 01200 00144 01200 00144 01200 00144 01200 00124 01200 00124 01200 00124 01200 00124 13648 04177 00000 13680 04172 13708 09485 13137 00000 00000 00000 001200 001200 001200 001200 001200 001200 001200 001200 001200 001200 001200 001200 001200 001200 00000 000000 00000000	PG/LN 21180 21190 21210 21220 21210 21220 21230 21240 21250 21270 21380 21290 21380 21340 21340 21340 21340 21350 21360 21370 21360 21370 21380 21390 21400 21410 21420 21430 21450 21450 21500 21570 21580 21590 21510 21590	REP2 CD17E FRE02 CD17M CD17I CD17J CD17N CD17T	DTSTATB DCBCBCBCBCBCBCBBTSB DBBBBBBBBBT MSBCBBBTTB DBBBBD MSBCBBTTB DBBBBD MSBCBBBTTB DBBBD MSBCBBTTB DBBBD MSBCBBTTB DBBBD MSBCBTTB DBBBD MSBCBTB MSBCB MSBCBTB MSBCB MSBCBTB MSBCB MSBC MSBC	OPERANDS AND REMARKS ,* REP3,ADCOW,, SAVE FREQUENCY ADDRESS REP3,1,10 REP2,ADCOW REP2,4,10 FREQ2,SX17 CD17A,,9 ,* SX17, 104,8,RIGHT PAREN CD17G SX17, 145,8,E TYPE CD17H SX17, 144,8,A TYPE CD17H SX17, 144,8,A TYPE CD17J SX17, 149,8,I TYPE CD17J SX17, 149,8,I TYPE CD17X SX17, 149,8,I TYPE CD17X CD17C SX17, 132,8,SEMI COLON CD17C SX17, 124,8,LEFT PAREN CD17A,,, CMA CKXH,*+12 REP3,ADCOW,, SAVE REPEAT ADDRESS REP3,1,10 CD17A *-3 CKXH,*+12 PUT17,SLASH CD17A *-3 CKXH,*+12 PUT17,TYPE RMNS,*+16 I,SX17 SX17,2,10 97 PUT17,REP1 PUT178,FRE01 FRE01,0,9, PUT FRE0 RETURN ADDRESS CD17A PUT17,REP1 PUT171,REP1 PUT17,REP1 PUT17,REP1 PUT17,REP1 PUT17,REP1 PUT17,TYPE CD17J+24 *-3 PUT17,TTYPE CD17J+24 *-3	AGE 40	

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LOCTN	OP	P/L	Q	PG/LN	LABEL	MNEM	OPERANDS AND F	REMARKS			
13896 13912	17	05510 00005	1 3912 0 9485	21730 21740		BTM DSA	RMNS,*+16 I,SX17				
13917 13918	49	00005 14198	±3137 00000	21750		В	WUB12B+24				
13934 13936	17	00005 05540	± 3952	21760 21770	СКХН	DC BTM	5,0 GTNS,*+16				
13952 13957	.,	00005	09485 14243	21780		DSA	I,SY17				
13958 13970	46	14243	00 1 47 01200	21790		CM BE	SY17,147,9 XRMNS				
13982 13994 14006	14 46 49	14243 12984 1393 5	00 1 48 01200	21810 21820 21830		CM BE B7	SY17,148,9 XRMNS CKXH-1,,6				
14100 14101	.,	00002		21840 21850			14100				
14102 14114	16 17	02359	0 9212 1 4102	21860	WUBCDS		FMON+35 FMON	,BLK5 ,SUBCDS			
14126 14138	16 17	02359 02324	0 9236 1 4126	21880 21890	WUBCAB		FMON+35 FMON	,BLK6 ,SUBCAB	•		
14150 14162	16 17	02359 02324	0 9260 1 4150	21900 21910	WUBC12	BTM	FMON+35 FMON	,BLK7 ,SUBC12			
14174 14186 14198	16 17 17	02359 02324 05510	09284 14174	21920	WUB12B	ВТМ	FMON+35 FMON	,BLK8 ,SUB12B			
14214	1,	00005	+4214 +9485 +3137	21940 21950		BTM DSA	RMNS,*+16 I,SX17				
14220 14232	27 49	14604 13750	13137	21960 21970		BT B	PUT17B,SX17 CD17N				
14243 14244	17	00000 13936	1 4256	21980 21990	SY17 CD17H	DS · BTM	,* CKXH,*+12				
14256 14268	17 49	14520 13862	0 4197 00000	22000 22010		BTM B	PUT17,ETYPE CD17L+12			·	
14276 14276 14288	17 14	13936 13399	14288 00 0 00	22020 22030 22040	CD17G	DORG BTM CM	CKXH,*+12	DUT EDEA	RETURN ADDRESS		
14300 14312	46	12926	01200 13399	22050 22060		BE TF	FREQ2,0,9, CD17A FREQ1,FREQ2	PUI FREW	RETORN ADDRESS		
14324 14336	26 16	13197	13327	22070		TF TFM	REP1,REP2 FREQ2,0,9				
14348 14360	17 49	14520 13786	0 4022 00000	22090 22100		BTM B	PUT17, REP4 CD117				
14371 14372 14384	45 17	00000 12926 14520	16004 0 4202	22110 22120 22130	REP3 CD17SC	DS BNR BTM	,* CD17A,BGNST+5 PUT17,REDO				
14396 14408	27 17	14468	14371 0 6843	22140	CD17XX	вт	PUT17I,REP3 ADJUST,ADCOW,,	ADJUST A	ADCOW TO EVEN ADDRESS		
14420 14432	26 17	03786 08138	09520 1 4448	22160 22170		TF BTM	N40002,SXF PUTA	, *+16			
14448 14453		00005 00005	0 9520 0 6843	22180		DSA	SXF,ADCOW				
14454 14462 14466	49	02628	00000	22190		DORG	CLEAR *-3 5				
14468 14480	31 16	08291 08646	08662 1 4467	22210 22220 22230	PUT17I	DS TR TFM	TYPET PUT3	,TYPECR ,PUT17I-1			
14492 14504	16 49	06897 06982	1 4512	22240 22250		TFM B7	PUTX-1 PUTXB	, *+20			132
***** LOCTN		SECOND P/L	PASS FORTRAN	PG/LN	LABEL		OPERANDS AND R	REMARKS	NOVEMBER, 1966	PAGE	42
LOCTN 14512 14518 14520	42 31	P/L 00005 08291	08677	PG/LN 22260 22270 22280	LABEL	MNEM BB2 DS TR	OPERANDS AND R 5 TYPET	,TYPECN	NOVEMBER, 1966	PAGE	42
LOCTN 14512 14518 14520 14532 14544	42	P/L 00005 08291 08646 14492	. Q	PG/LN 22260 22270 22280 22290 22300		BB2 DS TR TF B	5 TYPET PUT3 PUT171+24		NOVEMBER, 1966	PAGE	42
LOCTN 14512 14518 14520 14532	42 31 26	P/L 00005 08291 08646	.0 08677 14519	PG/LN 22260 22270 22280 22290		BB2 DS TR TF B	5 TYPET PUT3	,TYPECN	NOVEMBER, 1966	PAGE	42
LOCTN 14512 14518 14520 14532 14555 14556 14568 14580 14592	42 31 26 49 31	P/L 00005 08291 08646 14492 00000 08291 14553 08646 14492	.0 08677 14519 00000 14662	PG/LN 22260 22270 22280 22290 22310 22310 22320 22330 22340 22350	PUT17	BB2 DS TR TF B DS TR SF TFM B	5 TYPET PUT3 PUT171+24 ,* TYPET PUT17C-3 PUT3 PUT171+24	,TYPECN ,PUT17-1	NOVEMBER, 1966	PAGE	42
LOCTN 14512 14518 14520 14532 14544 14555 14556 14568 14568 14569 14603	42 31 26 49 31 32 16 49	P/L 00005 08291 08646 14492 00000 08291 14553 08646 14492 00000 08291	.0 08677 14519 00000 14662 00000 ±4555 00000	PG/LN 22260 22270 22280 22290 22310 22320 22330 22340 22350 22350 22370	PUT17	BB2 DS TR TF B DS TR SF TFM B DS TR	5 TYPET PUT3 PUT171+24 ** TYPET PUT17C-3 PUT3 PUT171+24 ** TYPET	,TYPECN ,PUT17-1	NOVEMBER, 1966	PAGE	4 Z
14512 14518 14520 14532 14544 14555 14568 14568 14592 14603	42 31 26 49 31 32 16 49	P/L 00005 08291 08646 14492 00000 08291 14553 08646 14492 00000	08677 14519 00000 14662 00000 ±4555 00000	PG/LN 22260 22270 22280 22290 22300 22310 22320 22330 22340 22350 22360	PUT17	BB2 DS TR TF BDS TR SF TFM BDS	5 TYPET PUT3 PUT171+24 ** TYPET PUT17C-3 PUT3 PUT17I+24 **	,TYPECN ,PUT17-1 ,TYPEK3 ,PUT17C-1	NOVEMBER, 1966	PAGE	42
LOCTN 14512 14518 14520 14532 14544 14555 14556 14568 14592 14604 14616 14626 14640	42 31 26 49 31 32 16 49 31 32 16	P/L 00005 08291 08646 14492 00000 08291 14553 08646 14492 00000 08291 14602 08646 14492 00001	08677 14519 00000 14662 00000 ±4555 00000 14647 00000	PG/LN 22260 22270 22280 22310 22310 22340 22350 22370 22380 22370 22380 22410 22370 22380 22410 22420 22410	PUT17	BB2 DS TR BDS TR SF TFM BDS TR SF TFM OSC DC	5 TYPET PUT3 PUT17]+24 ** ** PUT17C-3 PUT17I+24 ,* ** PUT17B-2 PUT3 PUT17I+24 1,2 2,2	,TYPECN ,PUT17-1 ,TYPEK3 ,PUT17C-1 ,TYPEK2	NOVEMBER, 1966	PAGE	42
LOCTN 14512 14518 14520 14532 14544 14555 14556 14568 14580 14592 14604 14616 14628 14640 14649 14651	42 31 26 49 31 32 16 49 31 32 16	P/L 00005 08291 08646 14492 00000 08291 14553 08646 14492 00000 08646 14492 00001 00002 00002	08677 14519 00000 14662 00000 ±4555 00000 14647 00000	PG/LN 22260 22270 22280 22390 22310 22320 22350 22350 22350 22360 22370 22440 22420 22440	PUT17 PUT17C	BB2 DS TF BDS TFM BDS TFM BDS TFM BOSC DCC DCC	5 TYPET PUT3 PUT171+24 ** TYPET PUT17C-3 PUT17T-29 PUT17B-2 PUT17B-2 PUT17B-2 PUT17B-2 PUT17B-2 PUT17B-2 PUT17B-2 PUT17B-2 PUT17B-2 PUT17B-2 PUT17B-2	,TYPECN ,PUT17-1 ,TYPEK3 ,PUT17C-1 ,TYPEK2	NOVEMBER, 1966	PAGE	42
LOCTN 14512 14518 14520 14534 14556 14568 14592 14604 14616 14626 14640 14649 14653 14655	42 31 26 49 31 32 16 49 31 32 16	P/L 00005 08291 08646 14492 00000 08291 14553 08646 14492 00000 08646 14492 00001 00002 00002 00002 00002	08677 14519 00000 14662 00000 ±4555 00000 14647 00000	PG/LN 22260 22270 22280 22280 22310 22330 22330 22330 22340 22350 22360 22370 22380 22380 22410 22440 22440 22440 22440	PUT17 PUT17C	BB2 DTR TF B DTR SF TFM B DTR SF TFM C DC DC DC DC DC	5 TYPET PUT13 PUT171+24 ** TYPET PUT17C-3 PUT17C-3 PUT17B-2 PUT17B-2 PUT17B-2 PUT17B-2 PUT17B-2 PUT171+24 1,2 2,2 2,5 2,10 2,11 5,10000	,TYPECN ,PUT17-1 ,TYPEK3 ,PUT17C-1 ,TYPEK2	NOVEMBER, 1966	PAGE	
LOCTN 14512 14518 14520 14532 14554 14556 14566 14560 14560 14603 14604 14616 14628 14647 14647 14653	42 31 26 49 31 32 16 49 31 32 16	P/L 00005 08291 08646 14492 00000 08291 14553 08646 14492 00000 08291 100002 00002 00002 00002	08677 14519 00000 14662 00000 ±4555 00000 14647 00000	PG/LN 22260 22270 22280 22290 22310 22330 22330 22350 22350 22360 22370 22380 22390 22340 22440 22440 22440 22440	PUT17 PUT17C	BB2 DS TR TF BDS TR SF TB DS TR FF BOS TR DOC DC DC DC DC DC DC	5 TYPET PUT3 PUT171+24 ,* TYPET PUT17C-3 PUT3 PUT171+24 ,* TYPET PUT17B-2 PUT17B-2 PUT171+24 1,2 2,2 2,2 2,1 1,1 5,10000 1,0 1,2	,TYPECN ,PUT17-1 ,TYPEK3 ,PUT17C-1 ,TYPEK2	NOVEMBER, 1966	PAGE	42
LOCTN 14512 14518 14520 14532 14544 14555 14556 14568 14592 14604 14616 14628 14640 14649 14651 14652 14666 14666 14666	42 31 26 49 31 32 16 49 31 32 16	P/L 00005 08291 08646 14492 00000 08291 14553 08646 14492 00000 08291 14602 0802 00002 00002 00002 00002 00002 00002 00002 00002 00002 00002 00002 00002	08677 14519 00000 14662 00000 ±4555 00000 14647 00000	PG/LN 22260 22270 22280 22290 22390 22310 22350 22350 22370 22380 22370 22380 22370 22420 22440 22440 22440 22450 22470 22440 22470 22480	PUT17C PUT17B TYPEK2	BB2 DS TR TF BDS TR TFM BDS TR TFM BDS TC DC	5 TYPET PUT3 PUT171+24 ** TYPET PUT17C-3 PUT17C-3 PUT17B-2 PUT17B-2 PUT17B-2 PUT17B-2 PUT17B-2 PUT3 PUT17T-24 1,2 2,2 2,1 2,1 2,1 1,2 2,1 2,1 1,2 2,3 2,3 2,6 2,11	,TYPECN ,PUT17-1 ,TYPEK3 ,PUT17C-1 ,TYPEK2	NOVEMBER, 1966	PAGE	
LOCTN 14512 14518 14520 14534 14555 14556 14568 14592 14604 14616 14626 14640 14640 14666 14666 14666	42 31 26 49 31 32 16 49 31 32 16	P/L 00005 08291 08646 14492 00000 08291 14553 08646 14492 00000 08291 14602 08646 14492 00002 00002 00002 00002 00002 00002 00002 00002 00002 00002 00002 00002 00002 00002	08677 14519 00000 14662 00000 ±4555 00000 14647 00000	PG/LN 22260 22270 22280 22290 22300 22310 22320 22330 22330 22350 22370 22380 22370 22380 22370 22440 22450 22470 22440 22450 22470 22450 22470 22480 22490 225510 22550	PUT17C PUT17B TYPEK2	BB2 DS TR TF B DS TR SF TFM B7 DC	5 TYPET PUT13 PUT171+24 ** TYPET PUT17C-3 PUT17C-3 PUT17B-2 PUT17B-	,TYPECN ,PUT17-1 ,TYPEK3 ,PUT17C-1 ,TYPEK2	NOVEMBER, 1966	PAGE	42
LOCTN 14512 14518 14520 14532 14544 14556 14568 14560 14592 14603 14604 14647 14649 14651 14666 14668 14668	31 26 49 31 32 16 49 31 32 16 49	P/L 00005 08291 08646 14492 00000 08291 14553 08646 14492 00000 08291 00002 00002 00002 00002 00002 00002 00002 00002 00002 00002 00002 00002	.0 08677 14519 00000 14662 00000 14555 00000 14647 00000 14603	PG/LN 22260 22270 22280 222300 223300 22310 22350 22340 22350 22350 22340 22350 22440 22450 22440 22450 22470 22480 22470 22550 22550	PUT17C PUT17B TYPEK2 TYPEK3	BB2 DS TR B DS TR B DS TR FM B DS TR FM DS C DC D	5 TYPET PUT3 PUT171+24 ** TYPET PUT17C-3 PUT17T-24 ,* TYPET PUT17B-2 PUT1	,TYPECN ,PUT17-1 ,TYPEK3 ,PUT17C-1 ,TYPEK2 ,PUT17B-1	********		
LOCTN 14512 14518 14520 14534 14555 14556 14568 14592 14604 14616 14626 14640 14640 14666 14666 14666	42 31 26 49 31 32 16 49 31 32 16	P/L 00005 08291 08646 14492 00000 08291 14553 08646 14492 00000 08291 14602 08646 14492 00002 00002 00002 00002 00002 00002 00002 00002 00002 00002 00002 00002 00002 00002	08677 14519 00000 14662 00000 ±4555 00000 14647 00000	PG/LN 22260 22270 22280 22290 22300 22310 22330 22330 22330 22340 22370 22380 22370 22440 22450 22440 22450 22470 22480 22470 22480 22470 22550 22550 22550 22555	PUT17C PUT17B TYPEK2 TYPEK3	BB2 DS TR FB DS TR SF BD TR SF DS C DC D	5 TYPET PUT3 PUT171+24 ,* TYPET PUT17C-3 PUT17C-3 PUT171+24 ,* TYPET PUT17B-2 PUT17B	,TYPECN ,PUT17-1 ,TYPEK3 ,PUT17C-1 ,TYPEK2 ,PUT17B-1	********		
LOCTN 14512 14518 14520 14534 14556 14568 14568 14592 14604 14616 14628 14640 14640 14640 14653 14655 14664 14666 14668 14670 14676	42 31 26 49 31 32 16 49 31 32 16 49	P/L 00005 08291 08646 14492 00000 08291 14553 08646 14492 00001 00002 00002 00002 00002 00002 00002 00002 00002 00002 00002 00002 00002 00002 00002 00002	0 08677 14519 00000 14662 00000 14655 00000 14647 00000 14603	PG/LN 22260 22270 22280 22290 22310 22320 22330 22330 22330 22340 22350 22340 22350 22440 22450 22440 22450 22440 22450 22450 22450 22550 22550 22550 22556 22556	PUT17C PUT17B TYPEK2 TYPEK3	BB2 DS TR B DC	5 TYPET PUT3 PUT171+24 ,* TYPET PUT17C-3 PUT3 PUT171+24 ,* TYPET PUT17B-2 PUT17B-2 PUT17B-2 PUT3 PUT171+24 1,2 2,2 2,5 2,10 2,11 2,12 2,3 2,6 2,11 2,12 2,3 2,6 2,11 2,12 2,11 2,12 2,3 3 2,6 2,11 2,12 2,3 3 3 2,6 2,11 2,12 2,10 2,11 2,12 2,3 3 3 2,6 2,11 2,12 2,3 3 3 3 3 3 5 NUTPUT RETURN ************************************	,TYPECN ,PUT17-1 ,TYPEK3 ,PUT17C-1 ,TYPEK2 ,PUT17B-1	********		42
LOCTN 14512 14518 14520 14532 14544 14555 14568 14592 14604 14616 14628 14604 14617 14662 14666 14666 14666 14666 14667 14676	42 31 26 49 31 32 16 49 31 32 16 49	P/L 00005 08291 08646 14492 00000 08291 14553 08646 14492 000001 00002 00002 00002 00002 00002 00002 00002 00002 00002 00002 00002 00002 00002 00002 00002 00002 00002	0 08677 14519 00000 14662 00000 14655 00000 14647 00000 14603	PG/LN 22260 22270 22280 22300 22310 22310 22310 22310 22330 22340 22350 22340 22370 22440 22440 22440 22440 22450 22460 22470 22480 22550 22650 22550 22550 225554 22555	PUT17 PUT17C PUT17B TYPEK2 TYPEK3	BB2 DS TR TF B DS TR SFFM B DS C DC D	5 TYPET PUT3 PUT171+24 ,* TYPET PUT17C-3 PUT3 PUT171+24 ,* TYPET PUT17B-2 PUT17B-2 PUT17B-2 PUT3 PUT171+24 1,2 2,2 2,5 2,10 2,11 2,12 2,3 2,6 2,11 2,12 2,3 2,6 2,11 2,12 2,11 2,12 2,3 3 2,6 2,11 2,12 2,3 3 3 2,6 2,11 2,12 2,10 2,11 2,12 2,3 3 3 2,6 2,11 2,12 2,3 3 3 3 3 3 5 NUTPUT RETURN ************************************	,TYPECN ,PUT17-1 ,TYPEK3 ,PUT17C-1 ,TYPEK2 ,PUT17B-1	********		
LOCTN 14512 14518 14520 14532 14544 14555 14568 14592 14604 14616 14626 14640 14640 14666 14666 14666 14670 14676 14678	42 31 26 49 31 32 16 49 31 32 16 49	P/L 00005 08291 08646 14492 00000 08291 14553 08646 14492 00000 08291 14602 00002	0 08677 14519 00000 14662 00000 14655 00000 14647 00000 14603 00000 05075 00001 14730 09476 03831 14752 06846	PG/LN 22260 22270 22280 22230 22330 22330 22330 22330 22350 22350 22350 22340 22350 22340 22350 22440 22450 22470 22440 22450 22450 22551 22552 22555 22556 22556 225570 225580 22590	PUT17 PUT17C PUT17B TYPEK2 TYPEK3	BB2 DS TTF BDS TTFB DS TTFB BTTFFM BTTFFM BTTFFM BTTFFM BTTFFM BTTFFM BTTFFM BTTFM B	5 TYPET PUT3 PUT171+24 ,* TYPET PUT17C-3 PUT17C-3 PUT171+24 ,* TYPET PUT17B-2 PUT17B	,TYPECN ,PUT17-1 ,TYPEK3 ,PUT17C-1 ,TYPEK2 ,PUT17B-1	********		
LOCTN 14512 14518 14520 14532 14556 14568 14568 14569 14564 14666 14668 14667 14667 14676 14678 14772 14772	42 31 26 49 31 32 16 49 31 32 16 49	P/L 00005 08291 08646 14492 00000 08291 14553 08646 14492 00001 00002	0 08677 14519 00000 14662 00000 14655 00000 14647 00000 14647 00000 05075 00001 14730 99476 93831 14752 96846 94227 93831	PG/LN 22260 22270 22280 22230 22320 22330 22330 22330 22330 22340 22350 22440 22450 22440 22450 22440 22450 22450 22550 22550 22550 22550 22550 22550 22550 22550 22550 22550 22550	PUT17C PUT17B TYPEK2 TYPEK3 ****** ****** ****** ****** ***** *****	BB2 DS TR BDS TRF BDS	5 TYPET PUT3 PUT171+24 ,* TYPET PUT17C-3 PUT3 PUT17B-2 PU	,TYPECN ,PUT17-1 ,TYPEK3 ,PUT17C-1 ,TYPEK2 ,PUT17B-1	**************************************		42
LOCTN 14512 14518 14520 14532 14536 14568 14566 14568 14560 14592 14604 14616 14649 14651 14653 14660 14661 14666 14666 14666 14667 14676 14676 14702 14730 14730 14752	42 31 26 49 31 32 16 49 31 32 16 49	P/L 00005 08291 08646 14492 00000 08291 14553 08646 14492 00001 00002 00002 00002 00002 00002 00002 00002 00005 00001 00001 00002 00002 00005 00001 00001 00002 00002 00005 00001	00000 14662 000000 14655 000000 14647 000000 14647 000000 05075 00001 14730 99476 69886 694227 68866 694227 93831 04401 09510	PG/LN 22260 22270 22280 222300 223300 22330 22330 22330 22330 22330 22340 22350 22370 22380 22390 22440 22450 22440 22450 22450 22552 22554 22556 22570 22580	PUT17 PUT17C PUT17B TYPEK2 TYPEK3	BB2 DS TTF BDS TTFB BTSFFM BDS TSFFM	5 TYPET PUT3 PUT171+24 ,* TYPET PUT176-3 PUT3 PUT176-2 PUT178-2 PUT178-2 PUT171+24 1,2 2,2 2,5 2,10 1,3 1,2 2,3 3,10 1,0 1,2 2,3 3,10 1,0 1,2 2,3 3,10 1,0 1,0 1,0 1,0 1,0 1,0 1,0 1,0 1,0	,TYPECN ,PUT17-1 ,TYPEK3 ,PUT17C-1 ,TYPEK2 ,PUT17B-1 ,************************************	**************************************		
LOCTN 14512 14518 14520 14534 14556 14568 14568 14592 14604 14616 14628 14640 14640 14641 14655 14664 14670 14667 14702 14714 14716 14735 14757 14762	42 31 26 49 31 32 16 49 31 32 16 49 16 49	P/L 00005 08291 08646 14492 00000 08291 14553 08646 14492 000001 00002 00003 00003 00005	0 08677 14519 00000 14662 00000 14655 00000 14647 00000 14603 00001 14730 09476 09331 14752 06846 04227 0331 0401 09501 0961 096848	PG/LN 22260 22270 22280 222300 223300 223300 223300 223300 22350 22350 22340 22350 22440 22450 22440 22450 22440 22450 22450 22550 22552 22556 22556 225570 22550 22500	PUT17C PUT17B TYPEK2 TYPEK3 ****** ****** ****** ****** ***** *****	BB2 DS TTF BDS	5 TYPET PUT3 PUT171+24 ,* TYPET PUT17C-3 PUT17C-3 PUT17C-3 PUT17B-2 PUT17B-	,TYPECN ,PUT17-1 ,TYPEK3 ,PUT17C-1 ,TYPEK2 ,PUT17B-1 ***********************************	**************************************		
LOCTN 14512 14518 14520 14532 14568 14568 14568 14568 14569 14604 14616 14628 14660 14667 14661 14668 14667 14676 14702 14714 14716 14735 14752 14764 14776 14788 14806	42 31 26 49 31 32 16 49 31 32 16 49 16 49	P/L 00005 08291 08646 14492 00000 08291 14553 08646 14492 00001 00002 00002 00002 00002 00002 00002 00002 00005 00001 08322 14764 07343 04276 00005 00001 00005	0 08677 14519 00000 14662 00000 14655 00000 14647 00000 14647 00000 05075 00001 14730 99476 93831 14752 96846 94227 93831 00001 14816 96848 9384	PG/LN 22260 22270 22280 22230 22320 22330 22330 22330 22330 22340 22350 22370 22440 22450 22440 22450 22440 22450 22450 22460 22550 22550 22550 22550 22550 22550 22550 22550 22550 22560 22570 2250 2250 2250 2250 2250 2250 22	PUT17C PUT17B TYPEK2 TYPEK3 ****** ****** ****** ****** ***** *****	BB2 DSTTFBDSTTFFMBDSCDCDCCDCCDCCDCCDCCDCCDCCDCCDCCDCCDCCDC	5 TYPET PUT3 PUT171+24 ,* TYPET PUT17C-3 PUT3 PUT17T-2 PUT3 PUT17B-2 PUT17B	,TYPECN ,PUT17-1 ,TYPEK3 ,PUT17C-1 ,TYPEK2 ,PUT17B-1 ***********************************	**************************************		42
LOCTN 14512 14518 14520 14532 14568 14568 14568 14568 14568 14564 14661 14640 14649 14651 14655 14661 14664 14668 14667 14676 14702 14772 14772 14776 14788 14828 14828	42 31 26 49 31 32 16 49 31 32 16 49 16 49	P/L 00005 08291 08646 14492 00000 08291 14553 08646 14492 00001 00002 00002 00002 00002 00002 00005 00001 00001 00002 00002 00005 00001 00001 00001 00001 00002 00005 00001 00001 00001 00001 00002 00005 00001	00000 14662 00000 14655 00000 14655 00000 14647 00000 14603 00000 14603 00001 14730 09476 03831 14752 06846 04227 03831 09410 09510 00001 14616 06848 06848 06848	PG/LN 22260 22270 22280 222300 223300 223320 223340 223360 223370 22340 223380 22340 22350 22440 22450 22440 22450 22450 22450 22552 22554 22556 22570 22680 22670 22680 22670 22680 22670 22680	PUT17C PUT17B TYPEK2 TYPEK3 ****** ****** ****** ****** ***** *****	BB2 DS TTF BDS TTF BDS TTFF BD	5 TYPET PUT3 PUT171+24 ,* TYPET PUT17C-3 PUT3 PUT17C-3 PUT3 PUT17B-2 PUT3 PUT17B-2 PUT3 TYPET 1,2 2,2 2,2 2,1 1,2 2,5 10000 1,a 2,6 2,11 5,10000 1,a 2,6 2,11 5,10000 1,a 2,6 2,11 5,10000 1,a 2,6 2,11 5,10000 1,a 3 8 TUTPUT RETURN ************************************	,TYPECN ,PUT17-1 ,TYPEK3 ,PUT17C-1 ,TYPEK2 ,PUT17B-1 ***********************************	**************************************		42
LOCTN 14512 14518 14520 14534 14556 14568 14568 14592 14604 14616 14628 14640 14640 14641 14655 14664 14670 14676 14772 14774 14774 14774 14774 14774 14775 14775 14775 14778 14788 14880 14982 14988 14988 14988 14988 14988	42 31 26 49 31 32 16 49 31 17 17 17 49 34 38	P/L 00005 08291 08646 14492 00000 08291 14553 08646 14492 00000 08291 100002 00002	0 08677 14519 00000 14662 00000 14655 00000 14647 00000 14603 00001 14730 09476 03831 14752 06846 04227 03831 0401 09500 096000 09600 09600 09600 09600 09600 09600 09600 09600 096000 09600 09600 09600 09600 09600 09600 09600 09600 096000 09600 09600 09600 09600 09600 09600 09600 09600 096000 09600 09600 09600 09600 09600 09600 09600 09600 096000 09600 09600 09600 09600 09600 09600 09600 09600 096000 09600 09600 09600 09600 09600 09600 09600 09600 096000 09600 09600 09600 09600 09600 09600 09600 09600 096000 096000 096000 096000 096000 096000 096000 096000 096000 096000 096000 096000 096000 096000 096000 096000 0960000 0960000 0960000 096000 096000 0960000 0960000 096000 096000 096000 096000 0960000 09600	PG/LN 22260 22270 22280 222300 223300 223300 223300 223300 22350 22350 22350 22350 22340 22350 22440 22450 22440 22450 22450 22450 22551 22552 22556 22556 22557 22556 225570 22560 22570 22580 22590 22660 22660 22660 22660 22660 22660 22660 22660 22660 22660 22660 22660 22660 22660 22660 22670 22600 22710 22710 22710	PUT17C PUT17B TYPEK2 TYPEK3 ****** ****** ****** ****** ***** *****	BB2 DS TTF BDS	5 TYPET PUT3 PUT171+24 ,* TYPET PUT176-3 PUT3 PUT176-3 PUT3 PUT178-2 PUT178-2 PUT171+24 1,2 2,2 2,5 2,10 1,3 1,2 2,3 2,6 2,11 5,10000 1,3 1,2 2,3 2,6 2,11 5,10000 1,3 1,0 1,2 2,3 3 4,0 1,2 3,3 1,0 1,0 1,0 1,0 1,0 1,0 1,0 1,0 1,0 1,0	,TYPECN ,PUT17-1 ,TYPEK3 ,PUT17C-1 ,TYPEK2 ,PUT17B-1 ***********************************	**************************************		42
LOCTN 14512 14518 14520 14532 14568 14568 14568 14568 14568 14566 14661 14649 14661 14666 14666 14666 14666 14667 1467 14	42 31 26 49 31 32 16 49 31 32 16 49 16 49 17 17	P/L 00005 08291 08646 14492 00000 08291 14553 08646 14492 00000 08020 00002 00002 00002 00002 00002 00002 00005 00001 00002 00002 00002 00005 00001 00001 00002 00005 00001 00005	0 08677 14519 00000 14662 00000 14655 00000 14647 00000 14603 00001 14730 99476 99831 14752 96846 94227 93831 00001 14816 96848 969344 00000 00701	PG/LN 22260 22270 22280 222300 223300 223300 223300 223300 223300 223300 223300 223300 22340 22350 22350 22350 22440 22440 22450 22450 22550 22550 22550 22550 22550 22550 22550 22560 22570 22580 22560 22570 22680 22600 22700 227100 227100 227100	PUT17C PUT17B TYPEK2 TYPEK3 ****** *CTRT * FCTRTP	BB2 DSTTF BDSTSFM BDSC DCC DCC DCC DCC DCC DCC DCC DCC DCC	5 TYPET PUT3 PUT171+24 ,* TYPET PUT17C-3 PUT3 PUT17T-2 PUT3 PUT17B-2 PUT17B-3 PUT17B	,TYPECN ,PUT17-1 ,TYPEK3 ,PUT17C-1 ,TYPEK2 ,PUT17B-1 ***********************************	**************************************		42

		SEC OND	DACC CODTDAN										
*****	OP	P/L SECOND	PASS FORTRAN		LABEL	MNEM	OPERANDS AND	REMARKS		NOVEMBER,	1966	PAGE	43
16049		00005	0 9331	22780		DSA	CF						
10000		00002		22790 22800 22810	****		10000 ECONDARY LINKA 2,3	GE FOR BLOCK 3	3				
10002 10014	16 17	02359 02324	0 9116 1 0002	22820 22830	YODE1	TFM BTM	FMON+35 FMON	,BLK1 ,CODE1					
10026	16 17	02359 02324	9 9116 1 0026	22840 22850	YODE3	TFM BTM	FMON+35 FMON	,BLK1 ,CODE3					
10050 10062 10074	16 17 16	02359 02324 02359	0 9116 1 0050 0 9140	22860 22870 22880	YODE4	TFM BTM	FMON+35 FMON	,BLK1 ,CODE4					
10086	17 16	02324	±0074 09140	22890 22900	YODE7	TFM BTM TFM	FMON+35 FMON FMON+35	,BLK2 ,CODE6 ,BLK2					
10110 10122	17 16	02324	±0098 0 9116	22910 22920	YODE8	BTM TFM	FMON FMON+35	,CODE7					
10134 10146	17 16	02324 02359	1 0122 0 9140	22930 22940	YODE9	BTM TFM	FMON+35	,CODE8 ,BLK2	,				
10158 10170	17 49	02324 14150	10146 00000	22950 22960	YODE12		FMON SUBC12	,CODE9					
10182	48 15	00000	00000 00001	22970 22980	YODE14		FX	,1					
10206 10218 10230	49 16 17	10434 02359 02324	00000 0 9116 1 0218	22990 23000 23010	Y00E15	8 TFM BTM	CD14P FMON+35 FMON	,BLK1 ,CODE15					
10242	16 17	02359	0 9140 1 0242	23020	YODE17		FMON+35 FMON	,BLK2 ,CODE17					
10266 10278	49 48	14102 00000	00000 00000	23040 23050	YODESS		SUBCDS	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,					
10290	49	14126	00000	23060 23070	YDSSAB	Н	SUBCAB						
10314 10326 10338	49 48 16	14174 00000 02359	00000 00000 0 9188	23080 23090 23100	YD12B YCT1	B H TFM	SUB12B FMON+35	,BLK4					
10350	17 16	02324	±0338 0 9140	23110	YETRT	BTM TFM	FMON+35	FCT1 BLK2					
10374 10386	17 16	02324 02359	1 0362 0 9188	23130 23140	YOJ	BTM TFM	FMON+35	,FCTRT ,BLK4					
10398 10410 10422	17	02324	10386 00131	23150	YDCALL		FMON LV	,EOJ ,131	, 8				
10422	49 15	13212 05065	00000	23170 23180 23190	***** CD14P		CDCALP DUTPUT IN STATI FFRSW						
10446	17	05510	±0462 ⊕9485	23200	COITE	BTM	RMNS I	,0 ,*+16					
10467 10468	17	00005 05540	02372 10484	23220 23230		DSA BTM	SR GTNS	,*+16					
10484		00005 00005	0 9485 0 2399	23240		DSA	I,SL						
10490	14 47 14	09505 10980	0 0 142 01300	23250		CM BL	LV CD14JG	,142	, 8				
10514 10526 10538	46 15	09505 10980 05065	0 0 147 01100 00001	23270 23280 23290		CM BH TDM	LV CD14JG FFRSW	,147	, 8				
10550	14	09505	0 0 142 01200	23300		CM BE	LV CD14FV	,1 ,142	, 8				
10574 10586	14 46	09505 10784	0 0 143 01200	23320 23330		C M B E	LV CD14FL	,143	, 8				134
***** LOCTN 10598	OP 14	SECUND P/L 09505	PASS FURTRAN Q 00146	PG/LN	LABEL		OPERANDS AND F		.8	NOVEMBER,	1966	PAGE	44
LOCTN		P/L			LABEL	MNEM CM BE CM	OPERANDS AND F LV CD14RV LV	,146	, 8 , 8	NOVEMBER,	1966	PAGE	44
LOCTN 10598 10610 10622 10634 10646	14 46 14 46 32	P/L 09505 10900 09505 10920 05065	Q 00146 01200 00147 01200 00000	PG/LN 23340 23350 23360 23370 23380	LABEL	CM BE CM BE SF	LV CD14RV LV CD14RŁ FFRSW	,146 ,147	, 8	NOVEMBER,	1966	PAGE	44
LOCTN 10598 10610 10622 10634 10646 10658 10670	14 46 14 46 32 14 46	P/L 09505 10900 09505 10920 05065 09505 10940	Q 00146 01200 00147 01200 00000 00144 01200	PG/LIN 23340 23350 23360 23370 23380 23390 23400	LABEL	CM BE CM BE SF CM BE	LV CD14RV LV CD14RL FFRSW LV CD14SV	,146		NOVEMBER,	1966	PAGE	44
LOCTN 10598 10610 10622 10634 10646 10658	14 46 14 46 32 14	P/L 09505 10900 09505 10920 05065 09505	Q 00146 01200 00147 01200 00000 00144	PG/LIN 23340 23350 23360 23370 23380 23390	LABEL CD14FV	CM BE CM BE SF CM BE B DORG	LV CD14RV LV CD14RL FFRSW LV CD14SV CD14SV	,146 ,147 ,144	, 8	NUVEMBER,	1966	PAGE	44
LOCTN 10598 10610 10622 10634 10646 10658 10670 10682 10690 10690 10702 10714	14 46 14 46 32 14 46 49 26 14	P/L 09505 10900 09505 10920 05065 09505 10940 10960 13179 02399 11002	Q 00146 01200 00147 01200 00000 00144 01200 00000 13211 00101 01200	PG/LIN 23340 23350 23360 23370 23380 23490 23410 23410 23420 23430 23440 23450		CM BE CM BE SF CM BE DORG TF CM BNE	LV CD14RV LV CD14RL FFRSW LV CD14SV CD14SL *-3 LVP SL	,146 ,147 ,144 ,FETCH	, 8	NUVEMBER,	1966	PAGE	44
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10598 10610 10622 10634 10646 10658 10670 10682 10690 10702 10714 10726 10742 10752 10754 10775	14 46 14 46 32 14 46 49 26 14 47 17	P/L 09505 10900 09505 10920 09505 10940 10960 13179 02399 11002 06898 00005 00005 05510 00005	Q 00146 01200 00147 01200 00100 00100 01144 01200 00000 13211 00101 01200 ±0742 ±07742 ±9370 ±3179 99357 ±07770 99485 62399	PG/LN 23340 23350 23370 23370 23380 23390 23400 23420 23420 23450 23470 23470 23450 23470		CM BE CM SF CM BE BOORG TF CM BNE BNE BTM DSA	LV CD14RV LV CD14RL FFRSW LV CD14SL *-3 LVP SL CD14JW PUTX BT,LVP,N13092 RMNS I,SL	,146 ,147 ,144 ,FETCH	,8 ,8	NUVEMBER,	,	PAGE	44
LOCTN 10598 10610 10622 10634 10646 10658 10670 10680 10702 10714 10742 10742 10755 10775 10775 10776	14 46 14 46 32 14 46 49 26 14 47 17	P/L 09505 10900 09505 10920 05065 09505 10940 13179 02399 11002 06898 00005 00005 00005 00005 00005	Q 00146 01200 00147 01200 00000 00144 01200 00000 13211 00101 01200 ±0742 09370 ±3179 09387 ±07770 69485 62399 00000	PG/LN 23340 23350 23370 23370 23380 23390 23440 23420 23440 23450 23470 23480 23470 23480 23490 23450 23450	CD14FV	CM BE BE CM SF CME B DORG TF CM BNE BTM DSA BTM DSA BDORG	LV CD14RV LV CD14RL FFRSW LV CD14SV CD14SV E-3 LVP SL CD14JW PUTX BT,LVP,N13092 RMNS I,SL CD14A	,146 ,147 ,144 ,FETCH ,101 ,*+16	,8 ,8	NUVEMBER,	1966	PAGE	44
LOCTN 10598 10610 10622 10634 10646 10658 10670 10702 10714 10722 10742 10747 10752 10775 10776 10784 10784	14 46 14 46 32 14 46 49 26 14 47 17	P/L 09505 10900 09505 10920 05065 09505 10940 10960 13179 02399 11002 06898 00005 00005 00005 00005 00005 01422	Q 00146 01200 00147 01200 00000 00144 01200 00000 13211 00101 01200 ±0742 09370 ±3179 09385 62399 00000 13211 ±0812	PG/LN 23340 23350 23360 23370 23380 23370 234400 23440 23450 23440 23450 23470 23470 23450 23470 23450 23470 23450 23550 23500 23500 23500 23500 23500 23500 23500 23500 23500 2350 235		CM BE CM BE SFM BE DORG TF CM BTM DSA BDORG TFM	LV CD14RV LV CD14RL FFRSW LV CD14SV CD14SV CD14SV E-3 LVP SU CD14JW PUITX BT,LVP,N13092 RMNS I,SL CD14A *-3 LVP SRFCT	,146 ,147 ,144 ,FETCH ,101 ,*+16	,8 ,8	NUVEMBER,	,	PAGE	44
LOCTN 10598 10610 10622 10634 10646 10658 10670 10682 10690 10702 10714 10724 10752 10747 10752 10776 10776	14 46 14 46 32 14 46 49 26 14 47 17	P/L 09505 10900 09505 10920 05065 09505 10940 13179 02399 11002 06898 00005 00005 00005 00005 11422	Q 00146 01200 00147 01200 00147 01200 00000 01144 01200 00000 13211 00101 01200 ±0742 ±09370 ±3179 99357 ±0770 69485 62399 00000 13211	PG/LN 23340 23350 23360 23370 23380 23380 23490 23410 23420 23430 23450 23470 23470 23480 23490 23500 23510	CD14FV	CM BE BE SF CBE BDORG TF CM BNE BTM DSA BTM DORG TF	LV CD14RV LV CD14RL FFRSW LV CD14SV CD14SV *-3 LVP SL CD14JW PUTX BT,LVP,N13092 RMNS I,SL CD14A *-3 LVP	,146 ,147 ,144 ,FETCH ,101 ,*+16 ,*+16	,8 ,8	NUVEMBER,	1966	PAGE	44
LOCTN 10598 10619 10622 10634 10646 10658 10670 10682 10714 10726 10712 10747 10752 107754 10778 10778 10778 10778 10778 10778 10788 10888	14 46 14 46 32 14 46 49 26 14 47 17	P/L 09505 10900 09505 10920 05065 09505 10940 10960 13179 02399 11002 06898 00005	Q 00146 01200 00147 01200 00000 00144 01200 00000 13211 00101 01200 ±0742 09370 ±3179 09357 ±07770 09445 02399 00000 13211 ±0812 62399 63796 00001 ±0846	PG/LN 23340 23350 23360 23370 23380 23490 23420 23440 23450 23440 23450 23470 23450 23460 23470 23460 23470 23480 23490 23520 23520 23520 23520 23520 23520 23520 23520 23520 23520 23520 23520	CD14FV	CM BE CM BE SCM BE BDORG TF CM BTM DSA BTM DSA BTM DSA BTM DSA	LV CD14RV LV CD14RL FFRSW LVV CD14SV CD14SV E-3 LVP BT,LVP,N13092 RMNS I,SL CD14JW PUTX BT,LVP,N13092	,146 ,147 ,144 ,FETCH ,101 ,*+16 ,*+16	,8 ,8	NUVEMBER,	,	PAGE	44
LOCTN 10598 10610 10622 10634 10646 10658 10670 10682 10714 10742 10747 10742 10754 10775 10775 10776 10784 10784 10784 10784 10784 10784 10784 10784 10784 10784 10784 10784 10784 10784 10785	14 46 14 46 32 14 46 49 26 14 47 17	P/L 09505 10900 09505 10920 05065 09505 10940 10960 13179 02399 11002 06898 00005	Q 00146 01200 00147 01200 00000 00144 01200 00000 13211 00101 01200 ±0742 09370 ±3179 09357 ±0770 09485 02399 00000 13211 ±0812 02399 00001 ±0846 60846 04227 93796	PG/LN 23340 23350 23360 23370 23380 23370 234400 23420 23440 23450 23470 23470 23470 23470 23480 23470 23510 23520 23530 23540 23550 23560 23570	CD14FV	CM BE CM BF CM BSF CM BNE BD DORG TCM BNE BNE BNE BNE BTM DSA BTM DSA BTM DSA BTM DSA BTM DSA	LV CD14RV LV CD14RL FFRSW LVV CD14SV CD14SV *-3 LVP SL CD14JW PUITX BT, LVP, N13092 RMNS I, SL CD14A *-3 LVP SFFCT SL, N40004 SS2 BTM, TOFAC, N400	,146 ,147 ,144 ,FETCH ,101 ,*+16 ,*+16 ,*+16 ,1 ,*+16	,8 ,8	NUVEMBER,	,	PAGE	44
LOCTN 10598 10610 10622 10634 10646 10658 10670 10682 10714 10726 10742 10775 10775 10775 10775 10776 10784 10796 10812 10818 10830 10846 10856 10858	14 46 14 46 32 14 46 49 26 14 47 17	P/L 09505 10900 09505 10920 05065 09505 10940 10960 13179 02399 11002 06898 00005 00005 00005 11422 13179 04276 00005 07343 06898 00005 00005 07343 06898 00005 00005 00005	Q 00146 01200 00147 01200 00000 00144 01200 00000 13211 00101 01200 43179 69357 40770 69485 62399 00000 13211 10812 62399 63766 60846 64846 64827 693796 10874	PG/LN 23340 23350 23360 23370 23380 23490 23490 23420 23440 23450 23470 23460 23470 23450 23450 23500	CD14FV	CM BE CM BE CM BE BE CM BB B B DORG CM BNE BTM DSA BTM DSA B DORG DSA T DM BTM DSA T DM BTM DSA T DM BTM	LV CD14RV LV CD14RL FFRSW LV CD14SV CD14SV SL D14JW PUTX BT,LVP,N13092 RMNS I,SL CD14A *-3 LVP SRFCT SL,N40004 SS2 PUTX	,146 ,147 ,144 ,FETCH ,101 ,*+16 ,*+16	,8 ,8	NUVEMBER,	1966	PAGE	44
LOCTN 10598 10610 10622 10634 10658 10670 10682 10690 10702 10712 10712 10747 10775 10775 10776 10778 10784 10784 10784 10784 10784 10784 10784 10784 10784 10784 10784 10786 10817 10818 10830 10846	14 46 14 46 32 14 46 49 26 14 47 17	P/L 09505 10900 09505 10920 05065 09505 10940 10960 13179 02399 11002 06898 00005 00005 00005 01422 13179 04276 00005 07343 06898 00005 07343 06898 00005	Q 00146 01200 00147 01200 00100 00144 01200 00000 13211 00101 01200 ±0742 99370 ±3179 99357 ±07770 69485 62399 00000 13211 ±0812 62399 63796 00000 150846 64227 63796 ±0874	PG/LN 23340 23350 23360 23370 23380 23390 23440 23420 23430 23450 23450 23470 23480 23590 23500 23570 23580 23580 23590 23600	CD14FV	CM BE CM SF CM BE B DORG TF CM BNEMA BTM DSA BTM DSA BTM DSA TDM BTM DSA TDM BTM DSA TDM BTM DSA TDM BTM BTM BTM BTM BTM BTM BTM BTM BTM BT	LV CD14RV LV CD14RL FFRSW LV CD14SV CD14SV SL D14JW PUITX BT,LVP,N13092 RMNS I,SL CD14A *-3 LVP SRFCT SL,N40004 SS2 PUITX BT,LVP,N4004 RPNS I,FAC GNRP	,146 ,147 ,144 ,FETCH ,101 ,*+16 ,*+16 ,*+16 ,1 ,*+16	,8 ,8	NUVEMBER,	1966	PAGE	44
LOCTN 10598 10610 10622 10634 10646 10658 10670 10682 10702 10714 10726 10775 10776 10775 10778 10778 10784 10784 10784 10784 10784 10784 10784 10784 10818 10830 10816 10851 10856 10858 10874 10879 10889	14 46 14 46 32 14 46 49 26 14 47 17 17 49 26 17 17 17 17 49 26 49	P/L 09505 10900 09505 10920 05065 09505 10940 10960 13179 02399 11002 06898 00005 00005 00005 00005 00005 00005 07343 06898 00005 07343 06898 00005 00005 00005 00005 00005 00005 00005 00005 00005 00005 00005 00005 00005 00005	Q 00146 01200 00147 01200 00000 00144 01200 00000 13211 00101 01200 ±0742 09370 ±3179 09357 ±0770 09485 02399 00000 13211 ±0812 02399 00001 ±0846 04227 03796 00001 ±0846 04227 03796 0001 ±0874 09485 09469 ±0892	PG/LN 23340 23350 23360 23370 23380 233400 234400 23440 23450 234470 23450 23470 23550 23570 23580 23570 23580 23570 23580 23570	CD14FV	CM BE BE CM BSF BSF BD CB BD CB NE BD CB NE BD CB SF BD CB SF BD CB SF BD CB SF BD CB SF BD CB SF BD CB SF BD CB SF BD CB SF SF SF SF SF SF SF SF SF SF SF SF SF	LV CD14RV LV CD14RL FFRSW LVV CD14SV CD14SV E-3 LVP SL CD14JW PUTX BT,LVP,N13092 RMNS I,SL CD14A *-3 LVP SFFCT SL,N40004 SS2 PUTX SFFCT SL,N40004 SS2 CD14FV+12 CD14FV+12 LVP	,146 ,147 ,144 ,FETCH ,101 ,*+16 ,*+16 ,*+16 ,1 ,*+16 ,*+16 ,*+16 ,*+12 ,RECORD	,8 ,8	NUVEMBER,	,	PAGE	44
LOCTN 10598 10610 10622 10634 10646 10658 10670 10682 10714 10742 10742 10747 10754 10775 10776 10784 10784 10786 10812 10816 10856 10856 10858 10856 10858 10879 10889 10889 10889	14 46 14 46 32 14 46 49 26 14 47 17 17 17 17 17 17 17 49 26 17	P/L 09505 10900 09505 10920 05065 09505 10940 10960 13179 02399 11002 06898 00005 00005 00005 11422 13179 00005 00005 00005 07343 06005 00005 00005 00005 00005 00005 00005 00005 00005 00005 00005 00005 00005 00005 00005 00005 00005	Q 00146 01200 00147 01200 00000 00144 01200 00000 13211 00101 01200 40742 09370 13179 09357 10770 09485 02399 00000 13211 10812 02399 00000 13211 10812 02399 00000 13211 10812 02399 00000 13211 10812 02399 0485 04846 06846 04227 03796 10874 09485 09469 13206	PG/LN 23340 23350 23360 23370 23380 234400 234400 234470 23450 234470 23450 23520 23530 23540 23550 23550 23550 23560 23560 23560 23650 23	CD14FV CD14FL CD14RV CD14RL	CMBEMBSFMBSSFMBBDCBNFMBDSBDCFMBDSADAFTANASAANASAAAAAAAAAAAAAAAAAAAAAAAAAAAA	LV CD14RV LV CD14RL FFRSW LV CD14SV CD14SV CD14SL *-3 LVP SU BT,LVP,N13092 RMNS I,SL CD14JW PUTX BT,LVP,N13092 RMNS I,SL CD14A *-3 LVP SRFCT SL,N40004 SS2 PUTX BTM,TOFAC,N400 RPNS I,FAC GNRP CD14FV+12 LVP CD14FV+12 LVP CD14FV+12 LVP	,146 ,147 ,144 ,FETCH ,101 ,*+16 ,*+16 ,*+16 ,*+16 ,*+16 ,*+16 ,*+16 ,*+16 ,*+17 ,*+16	,8 ,8	NUVEMBER,	1966	PAGE	44
LOCTN 10598 106196 10622 10634 10646 10658 10670 10682 10714 10726 10712 10747 10752 107754 10778 10775 10775 10776 10775 10778 10788 10818 10830 10846 10851 10846 10858 10879 10880 10858 10879 10880 10879 10880 10892 109900 10952 10940	14 46 14 46 32 14 46 49 26 14 7 17 17 17 17 17 17 17 17 17 17 17 17 1	P/L 09505 10900 09505 10920 05065 09505 10940 10960 13179 02399 11002 06005 00005	Q 00146 01200 00147 01200 00000 00144 01200 00000 13211 00101 01200 ±0742 09370 ±3179 09357 ±0770 09485 02399 00000 13211 ±0812 02399 00001 ±0846 04227 03796 00001 ±0846 04227 03796 0001 ±0874 09485 09469 ±0892	PG/LN 23340 23350 23360 23370 23380 233400 234400 23440 23450 23440 23450 23470 23480 23510 23520 23530 23540 23550 23560 23570 23580 23560 23570 23660 23670 23680 23670 23680	CD14FV	CBEMESSEME BORG BOTF MEMBER BOS BOTF MEMBER BOS BOTF MA BOTF MA BOTF MA BOTF BOS BOTF MA BOS BOTF BOS BOS BOTF BOS	LV CD14RV LV CD14RL FFRSW LV CD14SV CD14SV CD14SV CD14SL X-3 LVP SL CD14JW PUTX BT,LVP,N13092 RMNS I,SL CD14A X-3 LVP SRFCT SL,N40004 SS2 PUTX BTM,TOFAC,N400 RPNS I,FAC GNRP CD14FV+12 LVP CD14FV+12 LVP CD14FV+12 LVP CD14FV+12 LVP CD14FV+12 LVP CD14FV+12 LVP	,146 ,147 ,144 ,FETCH ,101 ,*+16 ,*+16 ,*+16 ,1 ,*+16 ,*+16 ,*+16 ,*+12 ,RECORD	,8 ,8	NUVEMBER,	1966	PAGE	44
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LOCTN 10598 10610 10622 10634 10646 10658 10670 10702 10714 10742 10742 10747 10754 10784 10775 10776 10784 10784 10786 10812 10910 10812 10810 10812 10810 10812 10912 10912 10912 10912 10920 10912 10920 10932 10940 10952 10960 10996	14 46 14 46 32 14 46 49 26 14 47 17 17 17 17 17 17 49 26 49 26 49 26 49 26 49 26 49 17	P/L 09505 10900 09505 10920 05065 09505 10940 10960 13179 00005 00005 00005 00005 14222 13179 00005 00005 00005 00005 00005 014222 13179 10702 13179 10702 13179 10702 13179 10702	Q 00146 01200 00147 01200 00000 00144 01200 00000 13211 00101 01200 40742 09370 +3179 09357 +0770 09485 02399 00000 13211 10812 02399 00000 13211 10812 02399 03796 00000 13211 10812 02399 13206 13206 13206 13201 13201 13201 140996 09505 13179	PG/LN 23340 23350 23360 23370 23380 234400 234400 234400 234400 234470 23450 23460 23470 23580 23570 23580 23570 23580 23580 23570 23610 23620 23630 23610 23630	CD14FU CD14FU CD14RV CD14RU CD14SU CD14SU CD14JG	CMBEMBSFME BD RG B	LV CD14RV LV CD14RL FFRSW LV CD14SV CD14SV CD14JW PUTX BT,LVP,N13092 RMNS I,SL CD14A *-3 LVP SRFCT SL,N40004 SS2 PUTX BTM,TOFAC,N400 RPNS I,FAC GNRP CD14FV+12 LVP	,146 ,147 ,144 ,FETCH ,101 ,*+16 ,*+16 ,*+16 ,*+16 ,*+16 ,*+16 ,*+16 ,*+17 ,*+16 ,*+18 ,*+18 ,*+18 ,*+18 ,*+18 ,*+18 ,*+18 ,*+18 ,*+18	,8 ,8	NUVEMBER,	1966	PAGE	44
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12100

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12658 15 09315 00001 25200 17 mm 10 1 1 1 1 1 1 1 1			SECOND	PASS FORTRAN	ΙΙ						NOVEMBER,	1966	PAGE	48
12670 26	LOCTN	0.6	P/L	Q	PG/LN	LABEL	MNEM		REMARKS		NOVEMBER,	1966	PAGE	48
1200 12 09378 0000	LOCTN 12650 12658	0P 49	P/L 11422	00000	PG/LN 25220 25230		B DORG	CD14A *-3			NÚVEMBER,	1966	PAGF	48
12714 17 05510 2730 25290 87H RNNS .*+16 12735 00005 92485 25300 058 1 12735 00005 92399 25310 058 1 12736 00005 92399 25310 058 1 12737 00005 92399 25310 058 1 12737 00005 9485 25320 058 1 12737 00005 9485 25320 058 1 12758 00005 9485 25330 058 1 12758 00005 9485 25330 058 1 12758 00005 9485 25330 058 1 12758 00005 9485 25330 058 1 12758 00005 9485 25350 058 1 12766 12766 12766 12766 12766 12766 12766 12776 12766 12770 1276	LOCTN 12650 12658 12658 12670	0P 49 15 26	P/L 11422 09315 09534	0 00000 00001	PG/LN 25220 25230 25240 25250		8 DORG TDM TF	CD14A *-3 IO1 T2	,1		NOVEMBER,	1966	PAGF	48
12775	LOCTN 12650 12658 12658 12670 12682 12690	OP 49 15 26 49 12	P/L 11422 09315 09534 10314 09378	0 00000 00001 09378 000 0 1	PG/LN 25220 25230 25240 25250 25260 25270	CODOA	B DORG TDM TF B7 SM	CD14A *-3 ID1 T2 CD12B GLND	,1 ,GLNO		NÜVEMBER,	1966	PAGE	48
12757	LOCTN 12650 12658 12658 12670 12682 12690 12702 12714	0P 49 15 26 49 12 15	P/L 11422 09315 09534 10314 09378 09315 05510	0 00000 00001 09378 00001 00000 ±2730	PG/LN 25220 25230 25240 25250 25260 25260 25270 25280 25290	CODOA	B DORG TDM TF B7 SM TDM BTM	CD14A *-3 IO1 T2 CD12B GLNO IO1 RMNS	,1 ,GLNO ,1 ,0		NUVFMBER,	1966	PAGE	48
12766	LOCTN 12650 12658 12658 12670 12682 12690 12702 12714 12730 12735 12736	0P 49 15 26 49 12 15 17	P/L 11422 09315 09534 10314 09378 09315 05510 00005 00005	0 00000 00001 09378 00001 00000 12730 09485 02399 12752	PG/LN 25220 25230 25240 25250 25260 25270 25280 25290 25300 25310 25320	CODOA	B DORG TDM TF B7 SM TDM BTM DSA DSA	CD14A *-3 ID1 T2 CD12B GLNO ID1 RMNS I SL	,1 ,GLNO ,1 ,0 ,*+16		NUVEMBER,	1966	PAGF	48
12778 26 03796 04242 25380	12650 12658 12658 12670 12670 12702 12714 12730 12735 12736 12752 12757	0P 49 15 26 49 12 15 17	P/L 11422 09315 09534 10314 09378 09315 05510 00005 00005 05510 00005	0 00000 00001 09378 00001 00000 12730 09485 02399 12752 09485 02399	PG/LN 25220 25230 25240 25250 25250 25270 25280 25290 25320 25320 25320 25320 25340	CODOA	B DORG TDM TF B7 SM TDM BTM DSA DSA BTM DSA DSA	CD14A *-3 IO1 T2 CD12B GLNO IO1 RMNS I SL RMNS I SL	,1 ,GLNO ,1 ,0 ,*+16		NUVEMBER,	1966	PAGF	48
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12818 49 02628 00000 25400 B CLEAR 12826 26 03796 13191 25450 CD14ND TF N40004 ,D10END 12830 15 05055 00000 25460 B7 N40004 ,D10END 12850 49 12790 25470 25470 DRG *=3 12858 17 06898 12874 25490 CDDMAT BF PUTX ,*+16 12874 0005 99327 25500 DSA PAR 12878 00005 99589 25520 DSA PAR 12888 49 12990 00000 25400 B CM99 12906 491290 00000 25540 B CM99 12906 44 12966 0597 25500 DSA PAR 12918 15 07342 00001 25570 TDM SSI 1,1 12930 17 06898 12946 25580 BTM PUTX ,*+16 12956 00005 99344 25610 DSA SF 12956 15 07345 00001 25400 DSA SF 12956 15 07345 00001 25600 DSA SF 12966 15 07345 00001 25600 DSA SF 12978 43 13002 04451 25650 DDRG *=3 12966 15 07345 00001 25600 DSA DAR 12978 43 13002 04451 25650 DDRG *=3 12966 15 07345 00001 25600 DSA DAR 12978 43 13002 04451 25650 DDRG *=3 12960 44 1296 05997 25600 DSA SF 12978 43 13002 04451 25600 DSA SF 12978 43 13002 04451 25600 DSA SF 12978 43 13002 04451 25650 DDRG *=3 12906 45 10005 93344 25610 DSA BLANK 12978 43 13002 04451 25650 DDRG *=3 12906 45 10005 93342 25600 DSA SF 12978 43 13002 04451 25650 DDRG *=3 12906 45 10005 93344 25610 DSA BLANK 12978 43 13002 04451 25650 DDRG *=3 12906 45 10005 93344 25610 DSA BLANK 12978 43 13002 04451 25650 DDRG *=3 13004 43 13156 05065 25670 BD CM96 ,FFRSW 13004 44 13126 00000 25740 BCM97 ,FFSW 13004 44 13126 00000 25740 BD CM97 ,FFSW 13007 44 13126 00000 25740 BD CM97 ,FFSW 13007 44 13126 09597 25750 DDRG *=3 13007 44 13126 09597 25750 DDRG *=3 13007 44 13126 09597 25750 DDRG *=3 13008 50 7042 00000 25740 BCM97 ,FFSW 13008 50 7042 00000 25740 BD CM97 ,FFSW 13008 50 7042 00000 25740 BD CM97 ,FFSW	LOCTN 12658 12658 12670 12682 12690 12702 12714 12736 12757 12758 12766 12776	0P 49 15 26 49 12 15 17 17 49 43 26	P/L 11422 09315 09534 10314 09315 05510 00005 00005 00005 11422 12826 03796	0 00000 00001 09378 00001 00000 12730 99485 92399 12752 99485 92399 00000 05065	PG/LN 25220 25230 25240 25250 25260 25270 25310 25320 25330 253360 25360 25380 25380	CODOA	B DORG TDM TF B7 SM TDM BTM DSA DSA BTM DSA BD DORG BD TF	CD14A *-3 ID1 T2 CD12B GLND ID1 RMNS I SL RMNS I SL CD14ND N+40004	,1 ,GLNO ,1 ,0 ,*+16 ,*+16		NUVFMBER,	1966	PAGF	48
12826 26 03796 13191 25450 CDIAND TF N40004 ,DIDEND . 12830 49 12790 25470 87 CDI4EN+24 12858 17 06898 \$2874 25490 CDMAT 8TM PUTX ,*+16 12874 00005 99327 25500 DSA TFM . 12878 00005 94252 25510 DSA PAR . 12878 00005 99327 25500 DSA PAR . 12888 49 12990 04673 25530 BD *+20 ,FXORFL . 12989 49 12990 00000 25540 B CM99 . 12906 44 12966 09597 25560 BNF CM99 . 12918 15 07342 00001 25570 TDM SS1 ,1 . 12930 17 06898 \$2946 25590 DSA SF . 12951 00005 99329 25590 DSA SF . 12951 00005 9934 25600 BNF CM99 . 12956 00005 99344 25610 DSA SR . 12956 00005 99344 25610 DSA SR . 12956 15 07345 00001 25560 BNF CM99 . 12966 15 07345 00001 25600 B *+20 . 12966 15 07345 00001 25600 B *+20 . 12978 43 13002 04451 25650 BD *+22 . 12966 15 07345 00001 25600 BD *+24 . 12979 15 07343 00001 25600 BD *+24 . 12979 16 00005 9334 25610 DSA SR . 12930 17 06898 \$1296 . 12966 15 07345 00001 25600 B *+20 . 12966 15 07345 00001 25600 B *+20 . 12970 15 07343 00001 25600 CM98 . 13002 43 13156 05065 25670 BD CM96 .FFRSW . 13014 26 03796 04257 25680 BTM PUTX . 13014 26 03796 04257 25680 BTM PUTX . 13014 27 06898 \$3042 25690 BTM PUTX . 13014 26 03796 04257 25680 BD *+24 . 13047 00005 93796 25710 DSA N40004 . 13052 00005 93796 25710 DSA N40004 . 13052 00005 93796 25710 DSA SR . 13066 49 13126 00000 25740 B CM97 . 13074 44 13126 09597 25760 BNF CM97 .FFSW . 13086 15 07342 00001 25770 TDM SSI . 1 . 13086 15 07342 00001 25770 TDM SSI . 1 .	LOCTN 12658 12658 12658 12660 12702 12714 12730 12735 12736 12757 12758 12766 12766 12776 12778 12790 12801	0P 49 15 26 49 12 15 17 17 49 43 26	P/L 11422 09315 09534 10314 09378 09315 05510 00005 00005 11422 12826 03796 06898 00005	0 00000 00001 09378 00001 00000 12730 99485 92399 12752 9485 92399 00000 05065 04242 12806 66846	PG/LN 25220 25240 25250 25270 25280 25320 25320 25330 25330 25330 25330 25330 25380 25380 25360 25560 25560 25560 25560 25560 25560 25560 25560 25560 25560 255600	CODOA	B DORG TDM TF B7 SM TDM BTM DSA BTM DSA B DORG BD TF BTM DSA B DORG BD TF BTM DSA	CD14A *-3 IO1 T2 CD12B GLND IO1 RMNS I SL RMNS I SL CD14A *-3 CD14ND N40004 PUTX BTM	,1 ,GLNO ,1 ,0 ,*+16 ,*+16		NUVFMBER,	1966	PAGF	
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12858 17 06898 £2874 25500 CODMAT 8TM PUTX ,*+16 12879 00005 99327 25500 DSA TFM 12884 00005 99589 25520 DSA PAR 12888 49 12990 04673 25530 BD **+20 ,FXORFL 12898 49 12990 00000 25540 B CM99 12906	LOCTN 12658 12658 12658 12658 12670 12709 12735 12735 12735 12757 12758 12766 12778 12790 12806 12818 12818	0P 49 15 26 49 12 15 17 17 49 43 26 17	P/L 11422 09315 09534 10314 09315 05510 00005 00005 00005 11422 12826 00005 00005 00005 00005 00005	0 00000 00001 09378 00001 00000 12730 9485 92399 12752 9985 92399 00000 05065 04242 12806 96846 9341 00000	PG/LN 25220 25230 25240 25250 25260 25270 25280 25310 25330 25340 25330 25340 25340 25440 25440 25440 25440 25440	CODOA CD14M CD14EN	B DORG TDM TF B7 TDM BTM DSA BTM DSA BDORG BDORG BDORG BTF BTM DSA BDORG BTF BTM DSA BOORG BTF BTM DSA BTF BTM DSA BTF BTM DSA BTF BTF BTF BTF BTF BTF BTF BTF BTF BTF	CD14A *-3 IO1 T2 CD12B GLND IO1 RMNS I SL CD14A *-3 CD14ND N40004 PUTX BTM N40004 CEEAR *-3 N40004	,1 ,GLNO ,1 ,0 ,*+16 ,*+16 ,*+16	,10	NUVFMBER,	1966	PAGF.	48
12879 00005 04252 25510 DSA PAR 12886 43 12906 04673 25530 BD **20 FXORFL 12898 49 12990 00000 255540 B CM99 12906	LOCTN 12650 12658 12658 12658 12670 12682 12702 12714 12730 12735 12758 12756 12776 12788 12766 12779 12816 12816 12816	0P 49 15 26 49 12 15 17 17 49 43 26 17	P/L 11422 09315 09534 10314 09378 09378 09378 09378 00005 00005 11422 12826 03796 06898 00005 00005 00005 00005	0 00000 00001 09378 00001 00000 12730 9485 92399 12752 9985 92399 00000 05065 04242 12806 96846 9341 00000	PG/LN 25220 25230 25240 25250 25260 25270 25280 25330 25330 25330 25330 25340 25340 25450 25450 25450 25450 25450 25450 254470 254470	CODIAM CD14EN CD14ND	B DORG TDM TF STM DSA DSA DORG BD TF BTM DSA B DORG BD TF BTM DSA B DORG BTF BTM BTM DSA B DORG BB D	CD14A *-3 IO1 T2 CD12B GLND IO1 RMNS I SL RMNS I SL CD14A *-3 CD14AD N40004 PUTX BTM N40004 CLEAR *-3 N40004 FFRSW CD14AF4	,1 ,GLNO ,1 ,0 ,*+16 ,*+16 ,*+16	,10			PAGE	48
12898 49 12990 00000 25550 B CM99 12906 44 12966 09597 25560 BNF CM98 FPSW 12918 15 07342 00001 25570 TDM SS1 ,1 12930 17 0689 12946 25580 BTM PUTX	LOCTN 12650 12658 12658 12670 12702 12714 12730 12735 12758 12766 12778 12786 12778 12786 12781 12806 12816 12816 12816 12816 12826	0P 49 15 26 49 12 15 17 17 49 43 26 17 49 26 15 49	P/L 11422 09315 09534 10314 09375 00005 00005 00005 11422 12826 03796 06898	0 00000 00001 09378 00001 00000 ±2730 09485 02399 ±2752 09485 02399 00000 05065 04242 ±2806 06846 03796 09341 00000 13191 00000	PG/LN 25220 25230 25240 25250 25260 25270 25280 25280 25330 25330 25330 25330 25340 25440 25450 25440	CODOA CODAM	B DORG BTM DSA DSA B DORG BTM DM BTM BTM BTM	CD14A *-3 IO1 T2 CD12B GLNO IO1 RMNS I SL RMNS I SL CD14A *-3 CD14ND N40004 PUTX BTM N40004 PUTX BTM N40004 PUTS PTR CLEAR *-3 N40004 FFRSW CD14EN+24 UTPUT CDDING PUTX	,1 ,6LNO ,1 ,0 ,*+16 ,*+16 ,*+16 ,FFRSW ,10END ,*+16	,10			PAGE	48
12906	LOCTN 12658 12658 12658 12658 126702 12732 12735 12735 12736 12776 12778 12780 12818 12826 12818 12826 12838 12858	0P 49 15 26 49 12 15 17 17 49 43 26 17 49 26 15 49	P/L 11422 09315 09534 10314 09378 09315 055510 00005 05500 00005 11422 12826 03796 06898 00005 02628 03796 05065 12790 06898 00005 00005	0 00000 00001 09378 00001 00000 12730 09485 02399 12752 09485 02399 00000 05065 04242 12806 06846 03796 09341 00000 13191 00000	PG/LN 25220 25240 25250 25260 25260 25280 25280 25330 25330 25330 25330 25340 25340 25420 25440 25450 25440 25450 25440 25450 25440 25450 25440 25450 25450 25450 25450 25450 25450 25450 25450 255510	CODOA CODAM	B DORG TOM BTM DSA B B DORG B B B B B B B B B B B B B B B B B B B	CD14A *-3 101 T2 CD12B GLN0 101 RMNS I SL RMNS I SL CD14A *-3 CD14ND N40004 PUTX BTM N40004 ZER0 CLEAR *-3 N40004 FFRSW CD14EN+24 DUTUT CDDING PUTX TFM PAR	,1 ,6LNO ,1 ,0 ,*+16 ,*+16 ,*+16 ,FFRSW ,10END ,*+16	,10			PAGE	48
12930 17 06898 42946 25580 BTM PUTX ,*+16 12951 00005 69329 25590 DSA SF 12951 00005 69344 25610 DSA BLANK 12958 49 12978 00000 25620 B *+20 12966 15 07345 00001 25640 CM98 TDM SS4 ,1 12978 43 13002 04451 25650 BD *+24, COMSW 12990 15 07343 00001 25660 CM99 TDM SS2 ,1 13014 26 03796 04257 25680 TF N40004 ,MAT ,1 13014 26 03796 04257 25680 TF N40004 ,MAT ,1 13042 00005 64493 25700 DSA GPX 13042 00005 64493 25700 DSA DPX 13052 00005 69376 25710 DSA NA0004 ,MAT ,1 13054 43 13074 04673 25730 BD *+20 ,FXDRFL 13064 43 13074 04673 25730 BD *+20 ,FXDRFL 13074 44 13126 09597 25760 BN CM97 ,FPSM	LOCTN 12650 12658 12658 12658 12670 12702 12714 12730 12735 12758 12766 12778 12766 12778 12806 12811 12816 12826 12826 12826 12826 12828 12858 12858	0P 49 15 26 49 12 15 17 17 49 43 26 17 49 17	P/L 11422 09315 09534 10314 09378 09315 00005 00005 11422 12826 03796 06898 00005 02628 03796 05065 12790 06898 00005	0 00000 00001 09378 00001 100000 12730 09485 02399 12752 09485 02399 00000 05065 04242 12806 06846 03796 09341 00000 13191 00000	PG/LN 25220 25230 25240 25250 25260 25270 25270 25320 25330 25330 25330 25330 25340 25440 25450 25440 25450 25450 25550 0 25550 0 25550 0 25550 0 255540	CODOA CODAM	B DORG TDM BTM DSA B DORG BD TF BTM DSA B DORG BD TF BTM DSA B DORG B DO	CD14A *-3 ID1 T2 CD12B GLND ID1 RMNS I SL RMNS I SL CD14A *-3 CD14ND N40004 PUTX BTM N40004 PUTX BTM N40004 PUTX BTM CLEAR *-3 N40004 FFRSW CD14EN+24 UTPUT CDDING PUTX TFM PAR P1 *+20 CM99	,1 ,GLNO ,1 ,0 ,*+16 ,*+16 ,*+16 ,FFRSW ,IOEND ,*+16	,10			PAGE	48
12951 00005 62372 25600 DSA SR 12958 49 12978 00000 25620 B *+20 12966 15 07345 00001 25640 CM98 TDM SS4 12978 43 13002 04451 25650 BD *+24, COMSW 12998 43 13156 05065 25670 BD CM96 ,FFRSW 13002 43 13156 05065 25670 BD CM96 ,FFRSW 13014 26 03796 04257 25680 TF N40004 ,MAT 13026 17 06898 ±3042 25690 BTM PUIX ,*+16 13042 00005 64493 25700 DSA OPX 13042 00005 64493 25700 DSA OPX 13052 00005 63796 25710 DSA NA0004 13054 43 13074 04673 25730 BD *+20 ,FXDRFL 13054 43 13074 04673 25730 BD *+20 ,FXDRFL 13064 43 13074 04673 25750 DORG *-3 13074 44 13126 09597 25760 BNF CM97 ,FPSW 13074 44 13126 09597 25760 BNF CM97 ,FPSW 13074 13074 44 13126 09597 25760 BNF CM97 ,FPSW 13075 13076 15 07342 00001 25770 TDM SS1 .1	LOCTN 12650 12658 12658 12657 12682 12670 12702 12714 12730 12758 12756 12758 12766 12778 12786 1278 12806 12816 12816 12816 12826 12828 12850	0P 49 152649 127 17 17 49 4326 17 49 2615 49 17 43 49 44	P/L 11422 09315 09534 10314 09375 00005 00005 00005 11422 12826 03796 06898 00005 02628 03796 06898 00005 00005 12990	0 00000 00001 09378 00001 00000 ½2730 09485 02399 ½2752 69485 02399 00000 05065 04242 ½2806 68846 693796 69341 00000 13191 00000 12874 69327 69289 04673 00000 09597	PG/LN 25220 25230 25240 25250 25260 25280 25280 25280 25380 25380 25380 25380 25380 25340 25420 25440 25450 25450 25450 25450 25550 25550 25550 25550 255560 255560 255560	CODOA CODAM	B DORG TOM BTM BTM DDSA B DORG BTM DDSA B DDD RG BTM DDSA B DDD RG BTM DDSA B DDD RG BTM DDSA B B DDR BTM DDSA B B DDR B B B B B B B B B B B B B B B B	CD14A *-3 101 T2 CD12B GLN0 101 RMNS I SL RMNS I SL CD14A *-3 CD14ND N40004 PUTX BTM N40004 ZER0 CLEAR *-3 N40004 FFRSW CD14EN+24 DUPUT CDDING PUTX TFM PAR P1 *+20 CM99 *-3 CM99	,1 ,GLNO ,1 ,0 ,*+16 ,*+16 ,*+16 ,FFRSW ,IOEND ,*+16	,10			PAGE	48
12958 49 12978 00000 25620 8 *+20 12966 15 07345 00001 25640 CM98 TDM SS4 12978 43 13002 04451 25650 8D *+224, COMSW 12990 15 07343 00001 25660 CM99 TDM SS2 ,1 13002 43 13156 05065 25670 8D CM96 ,FFRSW 13014 26 03796 04257 25680 TF N40004 ,MAT 13026 17 06898 ±3042 25690 BTM PUIX ,*+16 13042 00005 64493 25700 DSA DPX 13047 00005 64393 25700 DSA DPX 13052 00005 62372 25720 DSA SR 13054 43 13074 04673 25730 8D *+20 ,FXDRFL 13054 43 13074 04673 25730 BD *+20 ,FXDRFL 13074 44 13126 09597 25760 BNF CM97 ,FPSW 13074 14 13126 09597 25760 BNF CM97 ,FPSW 13074 13074 14 13126 09597 25760 BNF CM97 ,FPSW 13075 13086 15 07342 00001 25770 TDM SS1 .1	LOCTN 12650 12658 12658 12658 12670 12682 12702 12714 12735 12758 12756 12758 12766 12778 12816 12816 12816 12818 12826 12838 12850 12858 12879 12884 12898 12898 12906 12918	0P 49 15 2649 125 117 17 49 43 265 49 17 49 17 43 49 17	P/L 11422 09315 09534 10314 09378 00005 00005 05510 00005 11422 12826 03796 06898 00005 02628 03796 05065 12790 06898 00005 00005 129906 12990	0 00000 00001 09378 00001 00000 12730 09485 02399 12752 09485 02399 00000 05065 04242 12806 06846 03796 09341 00000 13191 00000 12874 09327 04252 09589 04673 00000 09597 000001	PG/LN 25220 25240 25250 25260 25260 25280 25280 25320 25330 25330 25330 25340 25340 25420 25420 25420 25420 25420 25420 25420 25420 25420 25420 25420 25420 25420 25420 25420 25420 25550 25540 25550 2550 25550 25550 25550 25550 25550 25550 25550 25550 2	CODOA CODAM	B DORG TOM BT TF BT STDM BTSA DDSA BDSA BDSA BDSA BDSA BDSA BD TF BT SA BD TF BT SA BD TF BT SA BD TF BT B	CD14A *-3 101 T2 CD12B GLN0 101 RMNS I SL CD14A *-3 CD14ND N40004 PUTX BTM N40004 ZER0 CLEAR *-3 N40004 FFRSW CD14FN+24 DUTHUT CDDING PUTX TFM PAR P1 **+20 CM99 **-3 CM98 SS1	,1 ,GLNO ,1 ,0 ,*+16 ,*+16 ,*+16 ,FFRSW ,IOEND ,*+16	,10			PAGE	48
12978 43 13002 04451 25650 BD **224, COMSW 12990 15 07343 00001 25660 CM99 TDM SS2 ,1 13002 43 13156 05065 25670 BD CM96 ,FFRSW 13014 26 03796 04257 25680 TF N40004 ,MAT 13026 17 06898 ±3042 25690 BTM PUIX ,*+16 13042 00005 04493 25700 DSA OPX 13047 00005 03796 25710 DSA NA0004 13052 00005 02372 25720 DSA SR 13054 43 13074 04673 25730 BD **20 ,FXDRFL 13056 49 13126 00000 25740 B CM97 13074 13074 44 13126 09597 25760 BNF CM97 ,FPSW 13074 44 13126 09597 25760 BNF CM97 ,FPSW 13074 13074 13126 00001 25770 TDM SS1 .1	LOCTN 12650 12658 12658 12658 12670 12702 12714 12730 12735 12758 12766 12778 12766 12778 12806 12811 12816 12816 12826 12826 12828 12826 12828	0P 49 15 269 125 17 17 49 43 26 17 49 17 49 44 15 17	P/L 11422 09315 09534 10314 09375 00005 00005 00005 11422 12826 03796 06898 00005 02628 03796 06898 00005 12906 12906 12906 12906 12966 07342 06898 00005 00005	0 00000 00001 09378 00001 00000 100000 12730 09485 02399 12752 09485 02399 00000 05065 04242 12806 06846 03741 00000 13191 00000 13191 00000 12874 09327 04001 12946 09329 04372 09344	PG/LN 25220 25230 25240 25250 25260 25270 25280 25330 25330 25330 25330 25340 25340 25440 25450 25450 25550	CODOA CODAM	B DORG TDM B7	CD14A *-3 101 T2 CD12B GLN0 101 RMNS I SL RMNS I SL CD14A *-3 CD14ND N40004 PUTX BTM N40004 ZER0 CLEAR *-3 N40004 FFRSW CD14EN+24 DUTPUT CODING PUTX TFM PAR P1 *+20 CM99 *-3 CM98 SS1 SSE	,1 ,GLNO ,1 ,0 ,*+16 ,*+16 ,*+16 ,FFRSW ,IOEND ,*+16	,10			PAGE	48
13002 43 13156 05065 25670 BD CM96 ,FFRSW 13014 26 03796 04257 25680 TF N40004 ,MAT 13026 17 06898 ±3042 25690 BTM PUIX ,*+16 13042 00005 64493 25700 DSA DPX 13047 00005 93796 25710 DSA N40004 13052 00005 62372 25720 DSA SR 13054 43 13074 04673 25730 BD *+20 ,FXDRFL 13064 49 13126 00000 25740 B CM97 13074 13074 44 13126 09597 25760 BNF CM97 ,FPSW 13086 15 07342 00001 25770 TDM SSI .1	LOCTN 12650 12658 12658 12657 12682 12670 12702 12714 12730 12758 12766 12778 12766 12778 12786 1278 12806 12816 12816 12816 12816 12816 12818 12826 12838 12850	0P 49 15 26 49 12 15 17 17 49 43 26 17 49 26 15 49 17 43 49 44 15 17	P/L 11422 09315 09534 10314 09378 09305 00005 00005 00005 11422 12826 03796 06898 00005 00005 12906 12990 12966 07342 06898 00005 00005 12906	0 00000 00001 09378 00001 09000 12730 09485 02399 12752 09485 02399 00000 05065 04242 12806 06846 03796 09341 00000 13191 00000 12874 09327 04252 09589 04673 00000 09597 000001 12996 09329 02372 09344 00000	PG/LN 25220 25230 25240 25250 25260 25280 25280 25280 25380 25380 25380 25380 25380 25340 25420 25440 25450 25450 25550 25550 25550 25550 25550 25550 25550 25550 25560 25660	CODOA CD14M CD14EN CD14ND ******* CODMAT	B DORG TOM BT TH B	CD14A *-3 IO1 T2 CD12B GLNO ID1 RMNS I SL RMNS I SL CD14A *-3 CD14ND N40004 PUTX BTM N40004 ZERD CLEAR *-3 N40004 FFRSW CD14EN+24 DUTPUT CDDING PUTX TFM PAR P1 *-2 CM99 *-3 CM99 *-3 CM99 *-3 SR BLANK *+20 *-3	,1 ,GLNO ,1 ,0 ,*+16 ,*+16 ,*+16 ,FFRSW ,IOEND ,0 ,0 FOR COMPL ,*+16 ,FXORFL	,10			PAGE	48
13026 17 06898 13042 25690 BTM PUTX ,*+16 13042 00005 04493 25700 DSA DPX 13047 00005 03796 25710 DSA NAQOO4 13052 00005 02372 25720 DSA SR 13054 43 13074 04673 25730 BD *+20 ,FXDRFL 13066 49 13126 00000 25740 B CM97 13074 25750 DORG *-3 13074 44 13126 09597 25760 BNF CM97 ,FPSW 13086 15 07342 00001 25770 TDM SSI .1	LOCTN 12650 12658 12658 12657 12682 12702 12714 12735 12758 12756 12758 12766 12778 12816 12816 12816 12818 12826 12826 12838 12850 12858 12879 12884 12879 12884 12879 12884 12879 12888 12879 12888 12879 12898 12956 12956 12956 12956 12956	0P 49 15 26 49 115 17 17 49 43 26 17 49 26 15 17 49 43 49 17 49 44 15 17 49 49 49 17 49 49 49 49 49 49 49 49 49 49 49 49 49	P/L 11422 09315 09534 10314 09378 00005 00005 05510 00005 11422 12826 03796 06898 00005 02628 03796 05065 12790 06898 00005 12996 07342 06898 00005 00005 12996 12990 12966 07342 06898 00005 00005 12978	0 00000 00001 09378 00001 00000 12730 09485 02399 12752 09485 02399 00000 05065 04242 12806 06846 03796 09341 00000 13191 00000 12874 09327 04252 09589 04673 00000 09597 000001 12946 09329 69344 00000 00001 04451	PG/LN 25220 25230 25240 25250 25260 25260 25280 25320 25330 25330 25330 25330 25340 25340 25420 25420 25420 25450 25440 25450 25460 25470 25550 25550 25550 25550 25550 25550 25550 25550 25550 25550 25550 25550 25560 25560 25560 25560 25560 25560 25560 25560 25560 25560 25560 25560 25560 25560 25560 25560 25560 25560 255650 25560 25560 255650 25560 25560 25560 25560 255600 25560 25560 25560 25560 25560 25560 25560 25560 25560 25560 2	CODOA CD14M CD14EN CD14ND ******** CODMAT	B DORG TOM BTS ADD B DOSA BD BT	CD144A *-3 101 T2 CD12B GLN0 101 RMNS I SL CD14A *-3 CD14ND N40004 PUTX BTM N40004 ZER0 CLEAR *-3 N40004 FFRSW CD14FN+24 DUTY TFM PAR P1 *-2 CM99 *-3 CM99 *-3 SS4 RLANK *+20 SR BLANK *+23 SS4 *-3 SS4 *-3 SS4 CDM99 *-3 SS4 CM99 *-3 SS8 CM99 *-3 SM9 *-3 SM	,1 ,GLNO ,1 ,0 ,*+16 ,*+16 ,*+16 ,PIOEND ,0 FOR COMPL ,*+16 ,FXORFL ,FPSW ,1 ,*+16	,10			PAGE	48
13047 00005 93796 25710 DSA N40004 13052 00005 92372 25720 DSA SR 13054 43 13074 04673 25730 BD **+20 FXDRFL 13066 49 13126 00000 25740 B CM97 13074 44 13126 09597 25760 BNF CM97 FFSW 13074 44 13126 09597 25760 BNF CM97 FFSW 13086 15 07342 00001 25770 TDM SSI 1	LOCTN 12650 12658 12658 12658 12670 12482 12590 12702 12714 12735 12758 12756 12775 12758 12766 12777 12758 12766 12778 12816 12816 12816 12816 12816 12818 12850 12858 12850 12858 12879 12884 12826 12828 12850 12958 12966 12910 12958 12966 12958 12966 12958 12966 12978 12966 12978 12966 12978 12966	0P 49 15 26 49 115 17 17 49 43 26 17 49 26 17 43 49 44 15 17 49 15 43 49 45 17	P/L 11422 09315 09534 10314 09378 09315 00005 00005 11422 12826 03796 06898 00005 00005 12790 06898 00005 12990 12966 07345 1290 12966 07345 13002 07345 13002	0 00000 00001 09378 00001 00000 ½730 09485 02399 ½752 09485 02399 00000 05065 04242 ½2806 06846 03796 09341 00000 13191 00000 13191 00000 09597 00001 ½2874 09327 04673 00000 09597 00001 ½2946 09329 04673 00000 09597 00001 ½2946 09329 04673 00000	PG/LN 25220 25230 25240 25250 25260 25270 25280 25270 25280 25270 25280 25370 25380 25370 25380 25370 25380 25370 25380 25370 25380 25370 25380	CODOA CD14M CD14EN CD14ND ******** CODMAT	B DORG TOP B7 STDM DDSA M DDSA	CD144A *-3 101 T2 CD12B GLN0 101 SL RMNS I SL CD14A *-3 CD14ND N40004 PUTX BTM N40004 ZER0 CLEAR *-3 N40004 FFRSW CD14EN+24 DUTPT CODING PUTX TFM PAR P1 *+20 CM99 SS1 SC W98 SS2 *+24 *+24 *-3 SS2 CM96	,1 ,GLNO ,1 ,0 ,*+16 ,*+16 ,FFRSW ,IOEND ,0 ,0 FOR COMPL ,*+16 ,FXORFL ,FPSW ,1 ,*+16	,10			PAGE	48
13054 43 13074 04673 25730 BD *+20 ,FXDRFL 13064 49 13126 00000 25740 B CM97 13074 25750 DDRG *+3 13074 44 13126 09597 25760 BNF CM97 ,FPSW 13086 15 07342 00001 25770 TDM SSI .1	12650 12658 12658 12657 12658 12670 12702 12714 12730 12735 12757 12758 12766 12776 12766 12778 12816	0P 49 15649 1157 17 49 4366 17 49 4451 17 49 4451 17 49 4451 17 49 4451 17	P/L 11422 09315 09534 10314 09378 09315 00005 00005 00005 11422 12826 03796 06898 00005 00005 12906 07342 06898 00005 12900 12960 07345 13002 07345 13002 07345 13002 07345	0 00000 00001 09378 00001 09378 00001 12730 09485 02399 12752 09485 02399 00000 05065 04242 12806 06846 03796 09341 00000 13191 00000 12874 09327 04252 09589 04673 00000 09597 00001 12946 09329 02372 09344 00000 00001 04451 00000	PG/LN 25220 25230 25240 25250 25260 25270 25280 25270 25280 25270 25280 25370 25380 25370 25380 25370 25380 25370 25380 25370 25380 25370 25380 25370 25380 25380 25380 25380 25380 25380 25380 25380 25380 25380 25380 25380 25380 25380 25380 25380 25380 25380 25380 25580	CODOA CD14M CD14EN CD14ND ******** CODMAT	B DORG TOM BTS TOM B TOM	CD14A *-3 101 T2 CD12B GLND 101 RMNS I SL RMNS I SL CD14A *-3 CD14AD N40004 PUTX BTM N40004 ZERD CLEAR *-3 N40004 FFRSW CD14EN+24 DUTPUT CDDING PUTX TFM PAR P1 *-2 CM99 *-3 CM99 *-3 CM99 *-3 CM98 SS1 PUTX SF BLANK *+20 *-3 SS2 CM96 N40004	,1 ,GLNO ,1 ,0 ,*+16 ,*+16 ,*+16 ,FFRSW ,10END ,*+16 ,PIOEND ,0 FOR COMPL ,*+16 ,FXORFL ,FYORFL	,10			PAGE	48
13074 44 13126 09597 25760 BNF CM97 FPSW 13086 15 07342 00001 25770 TDM SS1 .1	LOCTN 12650 12658 12658 12658 12670 12682 12702 12713 12736 12752 12758 12766 12776 12788 12766 12778 12816 12816 12816 12818 12826 12838 12850 12858 12879 12884 12879 12884 12879 12884 12879 12884 12906 12918 12918 12906 12918 12906 12918 12956 12956 12966 12966 12966 12967 12956 12966 12967 12956 12966 12978 12960 12978 12980 12956 12966 12978 12990 13002 13004 13042 13042	0P 49 15 26 49 12 15 17 17 49 43 26 17 49 45 17 49 45 17 49 45 17	P/L 11422 09315 09534 10314 09378 09315 00005 00005 00005 11422 12826 03796 06898 00005 00005 12970 06898 00005 00005 12970 12966 07342 06898 00005 00005 12976 07342 06898 00005 00005 12976 07342 06898 00005 00005	0 00000 00001 09378 00001 09378 00001 00000 ½7330 99485 02399 ½752 99485 02399 00000 05065 04242 ½2406 66846 03796 69341 00000 13191 00000 13191 00000 09597 00001 12946 09329 04673 00000 09597 00001 12946 09329 04673 00000 09597 00001 04451 000001 05065 04257 ½3042 04493 03796	PG/LN 25220 25230 25240 25250 25260 25250 25260 2525310 2525310 25350 25350 25350 25350 25350 25350 25350 25350 25350 25350 25350 25350 25350 25550 25550 25550 25550 25550 25550 25550 25560 25570 255710 255	CODOA CD14M CD14EN CD14ND ******** CODMAT	B DORG TIPE BT STAM BDSSA BDSSA BDSSA BDD B BDB BT BT BDSSA BD B B B B B B B B B B B B B B B B B B	CD14A *-3 101 T2 CD12B GLND ID1 SL RMNS I SL CD14A *-3 CD14ND N440004 PUTX BTM N40004 PUTX BTM N40004 FFRSW CD14EN+24 DUTPUT CDDING PUTX TFM PAR	,1 ,GLNO ,1 ,0 ,*+16 ,*+16 ,*+16 ,FFRSW ,10END ,*+16 ,PIOEND ,0 FOR COMPL ,*+16 ,FXORFL ,FYORFL	,10			PAGE	48
13098 17 06898 ±3114 25780 BTM PUTX ,*+16 /39	LOCTN 12650 12658 12658 12658 12670 12682 12702 12714 12735 12758 12756 12775 12758 12766 12778 12788 12816 12818 12816 12818 12816 12818 12850 128818 12850 12858 12850 12858 12850 12858 12879 12886 12978 12898 12906 12906 12918 12930 12946 12958 12958 12958 12966 12978 12986 12978 12986 12978 12986 12978 12986 12978 12986 12978 13062 13064	0P 49 152649 1157 17 49 436617 49 26549 17 49 44517 49 44517 49 43617 49 44517 49 44517 49 44517 49 44517 49 44517 49 49 49 49 49 49 49 49 49 49 49 49 49	P/L 11422 09315 09534 10314 09375 00005 00005 00005 00005 11422 12826 03796 06898 00005 00005 12978 07345 13002 07343 13156 03798 06898 00005	0 00000 00001 09378 00001 09378 00001 00000 12730 99485 92399 12752 99485 92399 00000 05065 04242 12806 66846 63796 99341 00000 13191 00000 13191 00000 13191 00000 09597 00001 12246 69327 69329 62372 69344 00000 00001 00001 00001 00001 04257 13042 64493 63796 62372 04673	PG/LN 25220 25230 25240 25250 25260 25270 25280 25270 25280 25270 25280 25370 25380 25370 25380 25370 25380 25360 25360 25560	CODOA CD14M CD14EN CD14ND ************************************	B DORG TOP B TO STAND B DOSA B DORG B DOSA B DORG B DOSA B DORG B	CD144A *-3 101 T2 CD12B GLN0 101 RMNS I SL CD14A *-3 CD14ND N40004 PUTX BTM N40004 ZER0 CLEAR *-3 N40004 FFRSW CD14EN+24 DUTY CD14EN+24 DUTY CD19B PUTY SF SS1 PUTX SF SL SS4 *+20 *-3 CM96 N40004 FFRSW CM97 SS4 *+24 **20 CM98 SS4 *+24 **20 CM98 SS4 **20 **3 CM96 N40004 PUTX OPX N40004 SS4 **20 **3 CM96 N40004 PUTX SF SCM96 N40004 PUTX OPX N40004 SS4 **20 **3 CM97 SS8 **40 **40 **40 **40 **40 **40 **40 **4	,1 ,GLNO ,1 ,0 ,*+16 ,*+16 ,*+16 ,FFRSW ,IOEND ,0 ,0 FOR COMPL ,*+16 ,FXORFL ,FPSW ,1 ,*+16	,10			PAGE	48
	LOCTN 12650 12658 12658 12657 12667 12702 12714 12730 12735 12758 12756 12776 12758 12766 12779 12816 12816 12816 12818 12826 12826 12838 12850 12858 12850 12858 12850 12858 12879 12886 12996 12996 12996 12996 12996 12996 12996 12996 12996 12958 12958 12966 12978 12958 12966 12978 12958 12966 12978 12958 12966 12978 12958 12966 12978 12958 12966 12978 12958 12966 12978 12958 12966 12978 12958 12966 12978 12958 12966 12978 12958 12966 12978 12958 12966 12978 12958 12966 12978 12958 12966 12978 12958 12966 12978 12958 12966 12978 12958 12966 12978 12966 12978 13004 130074	0P 49 156 49 115 17 17 49 43 217 49 43 49 44 117 49 44 117 49 44 117 49 44 117 49 49 49 49 49 49 49 49 49 49 49 49 49	P/L 11422 09315 09534 10314 09378 09315 05510 00005 00005 11422 12826 03796 06898 00005 00005 12990 12966 07342 06898 00005 12990 12966 12990 12966 12990 12966 12990 12966 12990 12966 12990 12966 12970 12966 12970 12966 12970 12966 12970 12966 12970 12966 12970 12966 12970 12966 12970 12966 12970 12966 12970 12966 12970 12966 12970 12966 12970 12	0 00000 00001 09378 00001 09378 00001 00000 ±2730 09485 02399 ±2752 09485 02399 00000 05065 04242 ±2806 06846 03796 09341 00000 13191 00000 13191 00000 142874 09327 04252 09589 04673 00000 09597 00001 12946 09329 02372 09344 00000 00001 04451 00000 00001 04461 00000 00001 05065 04257 13042 04493 03796 02372 04673 00000 09597	PG/LN 25220 25230 25240 25250 25260 25270 25280 25250 25280 25250	CODOA CD14M CD14EN CD14ND ************************************	B DORG TOM B TO THE TO	CD14A *-3 101 T2 CD12B GLND 101 RMNS I SL RMNS I SL CD14A *-3 CD14AD N40004 PUTX BTM N40004 ZERD CLEAR *-3 N40004 FFRSW CD14EN+24 DUTPUT CDDING PUTX TFM PAR P1 *-2 CM99 *-3 CM96 N40004 PUTX OPX N40004 SR *-2 CM97 *-3 CM97	,1 ,0 ,1 ,0 ,*+16 ,*+16 ,*+16 ,FRSW ,1 ,0 ,0 FOR COMPL ,*+16 ,FXORFL ,*+16	,10			PAGE	48

****		SECOND	PASS FORTRAN	ΙΙ					NOVEMBER,	1966	PAGE	49
LOCTN	OP	P/L	Q	PG/LN	LABEL	MNEM	DPERANDS AND	REMARKS				
13114 13119		00005	0 9331 0 2372	25790 25800		DSA -	SR					
13124 13126	17	00005 05510	0 9344 1 3142	25810 25820	CM97	втм	BLANK RMNS	,*+16				
13142 13147		00005 00005	0 9485 0 2399	25830 25840 25845	*****	DSA DSA ****	I SL *******	*******	*****	*****	*****	
13148	49	11422		25850 25855	MATRET *		CD14A			•••••		
13156 13168	26 49	03796 13026	13196	25870 25880	CM96	TF B7	N40004 CM99+36	,DRAY				
13179 13181 13186		00005 00002 00005		25890 25900 25910	LVP OPY SWF	DS DS DC	5 2 5,-02288					
13191 13196		00005		25920 25930	DICEND		5,-02298 5,-02293					
13201 13206		00005 00005		25940 25950	FIND RECORD	DC DC	5,-02273 5,-02278		•			
13211	46	00005 13786	01200	25960 25970 25980	FETCH ****** CDCALP	С	5,-02283 ALL EXIT AND CA CDXIT	ALL LINK ROUTI	NES			
13224	11 17	09485 05510	000 0 3 +3252	25990 26000	CDLINK		I RMNS	,3 ,*+16	,10			
13252 13257		00005	0 9485 0 2384	26010		DSA	I,SY					
13258 13270 13286	26 17	13777 05510 00005	02384 1 3286 0 9485	26020 26030		TF BTM	NAME-8 RMNS	,SY ,*+16				
13291 13292	26	00005 13781	0 2384 02384	26040		DSA TF	I,SY NAME-4	, SY				
13304 13316	33 17	13778 05510	00000 ±3332	26060 26070		CF BTM	NAME-7 RMNS	,*+16				
13332 13337 13338	26	00005 00005 13785	0 9485 0 2384 02384	26080		DSA TF	I,SY	cv				
13350 13361	33	13782	00000	26100 26110	CDLGT	C F DS	NAME-3 ,*	, SY				
13362 13374,	26 15	13361 07343	06843 00001	26120 26130		TF TDM	CDLGT SS2	,ADCOW ,1				
13386 13398 13414	11 17	13361 06898 00005	00050 +3414	26140		AM BTM	CDLGT PUTX	,50 ,*+16	,10			
13419 13424		00005	0 9327 1 3751 1 3361	26160		DSA	TFM,N07495,CDL	61				
13426 13438	26 15	13361 07343	06843 00001	26170 26180		T F T D M	CDLGT SS2	,ADCOW ,1				
13450 13462 13478	11 17	13361 06898 00005	000±9 ±3478 0 9327	26190 26200 26210		AM BTM DSA	CDLGT PUTX TFM,N00565,CDL	,19 ,*+16	,10			
13483 13488		00005	13756 13361	20210		DSA	111111003034000	01				
13490 13506	17	06898 00005	13506 06848	26220 26230		BTM DSA	PUTX B,N00716,N2TH	•*+16)				
13511 13516 13518	12	00005 00005 06843	±3761 ±3766 000⊕4	26240		SM	ADC OW		,10			
13530	27	13590	13768	26250		BT	PUT X2	,4 ,NM22	,10			140
****		SECOND	PASS FORTRAN	11					NUVEMBER,	1966	PAGE	50
***** LUCTN		SECOND P/L	PASS FORTRAN		LABEL	MNEM	OPERANDS AND F	:EMARKS	NUVEMBER,	1966	PAGE	50
LUCTN 13542 13554		P/L 13642 13686	0 13773 13785		LABEL	MNEM BT BT	OPERANDS AND F	REMARKS •N147RM •NAME	NUVEMBER,	1966	PAGE	50
LUCTN 13542 13554 13566 13578	OP 27	P/L 13642 13686 06843 02628	0 13773 13785	PG/LN 26260 26270 26280 26290	LABEL	BT BT AM B	PUTX17 PUTX12 ADCOW CLEAR	,N147RM	NUVEMBER,	1966	PAGE	50
LOCTN 13542 13554 13566 13578 13589 13590	OP 27 27 11	P/L 13642 13686 06843 02628 00000 08291 08646	0 13773 13785 00001 00000	PG/LN 26260 26270 26280 26290 26300 26310	LABEL	BT BT AM B DS TR	PUTX17 PUTX12 ADC OW CLEAR * TYPET	,N147RM ,NAME ,1		1966	PAGE	50
13542 13554 13566 13578 13589 13590 13602 13614 13626	OP 27 27 11 49 31 16 16 49	P/L 13642 13686 06843 02628 00000	0 13773 13785 000 0 1 00000	PG/LN 26260 26270 26280 26290 26300 26310 26320 26330 26340		BT BT AM B DS TR TFM TFM B7	PUTX17 PUTX12 ADCOW CLEAR	,N147RM ,NAME ,1		1966	PAGE	50
LOCTN 13542 13554 13566 13578 13589 13590 13602 13614 13626 13634 13640	OP 27 27 11 49 31 16 16 49 42	P/L 13642 13686 06843 02628 00000 08291 08646 06897 06982	0 13773 13765 00001 00000 13717 #3589 #3634	PG/LN 26260 26270 26280 26290 26300 26320 26320 26330 26340 26350 26360	PUTX2	BT BT AM B DS TR TFM TFM B7 B82 DS	PUTX17 PUTX12 ANCOW CLEAR TYPET PUT3 PUTX-1 PUTX8	,N147RM ,NAME ,1 ,TYPEM2 ,PUTX2-1 ,*+20		1966	PAGE	
LOCTN 13542 13554 13566 13578 13589 13590 13602 13614 13626 13634	OP 27 27 11 49 31 16 16 49	P/L 13642 13686 06843 02628 00000 08291 08646 06897 06982	0 13773 13785 00001 00000 13717 1 3589	PG/LN 26260 26270 26280 26290 26300 26310 26320 26330 26340 26350		BT BT AM B DS TR TFM TFM B7 B82 DS	PUTX17 PUTX12 ADCOW CLEAR TYPET PUT3 PUTX8 5 TYPET PUTX8	,N147RM ,NAME ,1 ,TYPEM2 ,PUTX2-1		1966	PAGE	50
LOCTN 13542 13556 13578 13578 13590 13614 13626 13634 13640 13642 13654 13666 13684	OP 27 27 11 49 31 16 49 42 31 16 49 31	P/L 13642 13686 06843 02628 00000 08291 08646 06897 06982 00005 08291 08646 13614 00007 08291	0 13773 13765 000061 000000 13717 +3589 +3634 08677 +3641 00000	PG/LN 26260 26270 26280 26290 26310 26320 26330 26340 26350 26360 26370 26380 26390 26400	PUTX2	BT BT AM BDS TR TFM B7 BB2 DS TR TFM B DS TR	PUTX17 PUTX12 ANCOW CLEAR TYPET PUT3 PUTX8 5 TYPET PUT3 PUTX8 5 TYPET PUT3 PUTX2+24 7	,N147RM ,NAME ,1 ,TYPEM2 ,PUTX2-1 ,*+20 ,TYPECN ,PUTX17-1		1966	PAGE	50
LOCTN 13542 13554 13566 13578 13589 13590 13602 13614 13626 13634 13640 13642 13654 13666 13684 13686 13688	OP 27 27 11 49 31 16 49 42 31 16 49	P/L 13642 13686 006843 02628 00000 08291 08646 06897 00005 08291 08646 13614 00007 08291 08646 13616	0 13773 13785 00001 00000 13717 +3589 +3634 08677 +3641 00000	PG/LN 26260 26270 26280 26290 263310 26320 26330 26350 26370 26380 26360 26410 26420 26430	PUTX2 PUTX17	BTT BAM BDS TTFM B7 BBS TFFM BDS TFFM BDS TFFM BDS	PUTX17 PUTX12 ADCOW CLEAR TYPET PUT3 PUTX8 5 TYPET PUTX8 5 TYPET PUT3 PUTX2+24 7 TYPET PUT3 PUTX2+24	,N147RM ,NAME ,1 ,TYPEM2 ,PUTX2-1 ,*+20 ,TYPECN ,PUTX17-1		1966	PAGE	50
LUCTN 135542 13554 13556 13578 13589 13589 13602 13614 13626 13634 13640 13640 13654 13654 13666 13686 13686	OP 27 27 11 49 31 16 49 42 31 16 49	P/L 13642 13686 06843 02628 00000 08291 08646 06897 06982 00005 08291 08646 13614 00007 08291 08646	0 13773 13765 000061 000000 13717 +3589 +3634 08677 +3641 00000	PG/LN 26260 26270 26280 26280 26320 26310 26320 26340 26350 26370 26380 26340 26420 26420 26440 26450	PUTX2	BTT BTT BDS TTEM BTS TREM BDS TREM BDS TREM BDS TREM BDS TREM BDS TREM BDS TREM BDS TREM BDS TREM BDS TREM BDS TREM BDS TREM BDS TREM TREM BDS TREM TREM TREM TREM TREM TREM TREM TREM	PUTX17 PUTX12 ADCOW CLEAR TYPET PUTX-1 PUTXB 5 TYPET PUT3 PUTX2+24 7 TYPET PUT3 PUTX2+24 1,2 2,2	,N147RM ,NAME ,1 ,TYPEM2 ,PUTX2-1 ,*+20 ,TYPECN ,PUTX17-1		1966	PAGE	50
LOCTN 13542 13554 13566 13578 13578 13589 13590 13602 13614 13626 13634 13642 13654 13666 13684 13686 13710 13717 13717 13717 13723 13723	OP 27 27 11 49 31 16 49 42 31 16 49	P/L 13642 13686 06843 02628 00000 08291 08646 06897 00005 08291 08646 13614 00001 08646 13614 00001 00002 00002 00002	0 13773 13765 000061 000000 13717 +3589 +3634 08677 +3641 00000	PG/LN 26270 26280 26270 26280 26390 26310 26320 26330 26330 26370 26380 26380 26380 26440 26450 26470 26450 26470 26450 26470 26480	PUTX2 PUTX17	BTT AM B DTR MM B DTR	PUTX17 PUTX12 ADCOW CLEAR TYPET PUT3 PUTX-1 PUTX8 5 TYPET PUT3 PUTX2+24 7 TYPET PUT3 PUTX2+24 1,2 2,2 2,5 2,10	,N147RM ,NAME ,1 ,TYPEM2 ,PUTX2-1 ,*+20 ,TYPECN ,PUTX17-1		1966	PAGE	50
LOCTN 13542 13554 13566 13578 13589 13590 13602 13614 13642 13644 13646 13648 13698 13710 13717 13712 13723 13725 13730 13731	OP 27 27 11 49 31 16 49 42 31 16 49	P/L 13642 13686 06843 02628 00000 08291 08646 06897 00005 08291 08646 13614 00007 08291 08646 00007 00002 00002 00002 00002	0 13773 13765 000061 000000 13717 +3589 +3634 08677 +3641 00000	PG/LN 26260 26270 26280 26290 26300 26310 26320 26330 26330 26330 26340 26350 26370 26440 26440 26440 26440 26440 26440 26440 26440 26460 26470 26480 26490	PUTX2 PUTX17 PUTX12 TYPEM2	BTT AM B STR MM B STR	PUTX17 PUTX12 ADCOW CLEAR TYPET PUTX3 PUTX8 5 TYPET PUTX8 5 TYPET PUT3 PUTX2+24 7 TYPET PUT3 PUTX2+24 1,2 2,2 2,5 2,10 2,11 5,10000 1,3	,N147RM ,NAME ,1 ,TYPEM2 ,PUTX2-1 ,*+20 ,TYPECN ,PUTX17-1		1966	PAGE	50
LOCTN 13542 13554 13566 13578 13589 13590 13602 13614 13626 13634 13642 13654 13686 13684 13710 13717 13719 13721 13723 13725	OP 27 27 11 49 31 16 49 42 31 16 49	P/L 13642 13686 06843 02628 00000 08291 08646 06897 06982 00005 08291 08646 13614 00001 00002 00002 00002 00002	0 13773 13765 000061 000000 13717 +3589 +3634 08677 +3641 00000	PG/LN 26270 26270 26280 26290 26390 26330 26330 26330 26340 26350 26340 26350 26440 26450 26440 26450 26440 26450 26440	PUTX2 PUTX17	BTT AM B STR MM B STR	PUTX17 PUTX12 ADCOW CLEAR TYPET PUTX-1 PUTX8 5 TYPET PUT3 PUTX2+24 7 TYPET PUT3 PUTX2+24 1,2 2,2 2,5 2,10 2,10 1,2 1,2	,N147RM ,NAME ,1 ,TYPEM2 ,PUTX2-1 ,*+20 ,TYPECN ,PUTX17-1		1966	PAGE	50
LOCTN 13542 13554 13566 13578 13589 13590 13602 13614 13626 13634 13642 13654 13684 13686 13684 13710 13717 13717 13717 13723 13735 13735 13736	OP 27 27 11 49 31 16 49 42 31 16 49	P/L 13642 13686 06843 00000 08291 08646 06892 00005 08291 08646 13614 00001 00002 00002 00002 00002 00002 00002 00002	0 13773 13765 000061 000000 13717 +3589 +3634 08677 +3641 00000	PG/LN 26270 26270 26280 26270 26380 263300 26330 26330 26330 26330 26330 26340 26350 26380 26380 26440 26460 26470 26460 26470 26460 26510 26530 26550	PUTX2 PUTX17 PUTX12 TYPEM2	BT BT AM BDS TREM BT TEFM BT DS TREM BT DS CDC DC	PUTX17 PUTX12 ANCOW CLEAR TYPET PUT3 PUTX8 5 TYPET PUT3 PUTX2+24 7 TYPET PUT3 PUTX2+24 1,2 2,2 2,5 2,10 5,10000 1,2 2,12 2,15 2,20 2,21	,N147RM ,NAME ,1 ,TYPEM2 ,PUTX2-1 ,*+20 ,TYPECN ,PUTX17-1		1966	PAGE	50
LOCTN 13554 13576 13578 13578 13589 13590 13602 13614 13642 13654 13646 13684 13686 13698 13717 13719 13721 13722 13734 13736 13738 13736	OP 27 27 11 49 31 16 49 42 31 16 49	P/L 13642 13686 06843 02628 00000 08291 08646 13614 00001 08646 13614 00001 00002 00002 00002 00002 00002 00002 00002	0 13773 13765 000061 000000 13717 +3589 +3634 08677 +3641 00000	PG/LN 26270 26280 26270 26280 26390 263300 263300 263300 263300 263300 263300 263400 26370 264400 264400 264400 264400 264400 264600 26510 266500 265500 265500 265500	PUTX2 PUTX17 PUTX12 TYPEM2	BT BT AM BB BS TFR MBP2 CS TR MBP2 CS TR MBP3 CS CDC CDC CDC CDC CDC CDC CDC CDC CDC	PUTX17 PUTX12 ANCOW CLEAR TYPET PUTX3 PUTX4-1 PUTX8 5 TYPET PUT3 PUTX2+24 7 TYPET PUTX2+24 1,2 2,2 2,5 2,10 2,11 5,10000 1,3 1,2 2,12 2,12 2,12 2,12 2,12 2,12 2	,N147RM ,NAME ,1 ,TYPEM2 ,PUTX2-1 ,*+20 ,TYPECN ,PUTX17-1		1966	PAGE	50
LOCTN 13542 13554 13566 13578 13589 13589 13602 13614 13626 13634 13642 13654 13684 13686 13684 13710 13711 13712 13723 13732 13732 13734 13734	OP 27 27 11 49 31 16 49 42 31 16 49	P/L 13642 13686 06843 02628 00000 08291 08646 13614 00001 00002 00002 00002 00002 00002 00002 00002 00002	0 13773 13765 000061 000000 13717 +3589 +3634 08677 +3641 00000	PG/LN 26270 26280 26270 26280 26390 263300 26330 26330 26330 26330 26340 26350 26440 26440 26440 26440 26440 26450 26440 26450 26450 26550 26550	PUTX2 PUTX17 PUTX12 TYPEM2	BT BT BT BB BB BS TR TFM BB 2 DS TR TFM BB 7 DS DC	PUTX17 PUTX12 ANCOW CLEAR ** TYPET PUT3 PUTX-1 PUTX8 5 TYPET PUT3 PUTX2+24 7 TYPET PUT3 PUTX2+24 1,2 2,2 2,5 2,10 2,11 2,11 2,15 2,12 2,12 2,12 2,12 2,12	,N147RM ,NAME ,1 ,TYPEM2 ,PUTX2-1 ,*+20 ,TYPECN ,PUTX17-1		1966	PAGE	50
LOCTN 13554 13566 13578 13578 13589 13590 13602 13614 13626 13634 13642 13654 13646 13684 13686 13698 13717 13717 13717 13717 13721 13723 13734 13736 13736 13736 13736	OP 27 27 11 49 31 16 49 42 31 16 49	P/L 13642 13686 06843 00000 08291 08646 13614 00007 08001 08001 00002 00002 00002 00002 00002 00002 00002 00002 00002 00002 00005 00005 00005	0 13773 13785 00001 00000 13717 +3589 +3634 08677 +3641 00000 13732 +3685	PG/LN 26270 26280 26270 26280 26390 263300 263300 263300 263300 263300 263300 263400 26370 264400 264400 264400 264600 26510 265500 265500 265500 265500 265500 265500 266500 266500 266500 266600 266600	PUTX2 PUTX17 PUTX12 TYPEM2 TYPE12 N07495 N00565 N00716 N2TH0 NM22	BT BT AM B B DS T F F M B B B S T F F M B B S DS T R F M B DS T R F M B DS DC	PUTX17 PUTX12 ANCOW CLEAR TYPET PUTX8 5 TYPET PUTX8 5 TYPET PUTX8 5 TYPET PUTX2+24 7 TYPET PUTX2+24 1,2 2,2 2,5 2,10 5,10000 1,3 1,2 2,12 2,12 2,12 5,10000 1,3 5,7495 100AL 5,20000 2,20	,N147RM ,NAME ,1 ,TYPEM2 ,PUTX2-1 ,*+20 ,TYPECN ,PUTX17-1		1966	PAGE	50
LUCTN 13542 13554 135766 13578 13589 13590 13602 13614 13642 13654 13646 13686 13686 13698 13717 13717 13712 13723 13725 13730 13731 13732 13734 13736 13746 13746 13746 13751	OP 277 111 49 31 16 49 31 16 49 31 16 49	P/L 13642 13686 06843 02628 00000 08291 08646 06897 08095 08291 08646 13614 00007 08291 08646 13614 00001 00002 00002 00002 00002 00002 00005 00005 00005 00005 00005	0 13773 13785 00001 00000 13717 +3589 +3634 08677 +3641 00000 13732 +3685	PG/LN 26260 26270 26280 26290 26300 26310 26320 26330 26330 26370 26380 26390 26400 26440 26440 26440 26440 26450 26460 26550 26550 26550 26550 265600 265600 266600 266600	PUTX2 PUTX17 PUTX12 TYPEM2 TYPE12 N07495 N00565 N00716 N2TH0 NM22 N147RM NAME	BT BT BT BB DS TR FF BB DS TR FF BB DS TR FF BB DS CD DC	PUTX17 PUTX12 ADCOW CLEAR TYPET PUTX8 5 TYPET PUTX8 5 TYPET PUT3 PUTX2+24 7 TYPET PUT3 PUTX2+24 1,2 2,2 2,10 2,11 5,10000 1,2 2,12 5,15 2,10 5,7495 1,0000 1,1	,N147RM ,NAME ,1 ,TYPEM2 ,PUTX2-1 ,*+20 ,TYPECN ,PUTX17-1 ,TYPE12 ,PUTX12-1		1966	PAGE	50
LOCTN 13542 13554 13566 13578 13589 13590 13602 13614 13626 13634 13642 13654 13686 13689 13717 13719 13719 13723 13735 13735 13735 13735 13736 13736 13736 13736 13736 13766 13766 13766 13766 13766 13776	OP 27 27 11 49 31 16 49 42 31 16 49	P/L 13642 13686 06843 00000 08291 08646 13614 00007 08646 13614 00001 00002 00002 00002 00002 00005 00001 00005 00005 00005 00005 00005	0 13773 13785 00001 00000 13717 +3589 +3634 08677 +3641 00000 13732 +3685	PG/LN 26270 26280 26270 26280 263300 263300 263300 263300 26350 263400 26350 263400 264400 264400 264400 264500 264400 264500 264600 265500 265500 265500 265500 265600 26570 265800 265600 266610 266630	PUTX12 PUTX12 TYPEM2 TYPE12 N07495 N007565 N00716 N2THO NM22 N147RM	BT BT BT BB B	PUTX17 PUTX12 ANCOW CLEAR ** TYPET PUT3 PUTX8 5 TYPET PUT3 PUTX2+24 7 TYPET PUT3 PUTX2+24 1,2 2,2 2,5 2,10 1,2 1,2 2,15 2,10 5,7495 IORT 1,6000 1,30 1,6000 1,30 1,6000 1,30 1,6000 1,30 1,6000 1,30 1,6000 1,30 1,6000 1,30 1,6000 1,30 1,6000 1,30 1,6000 1,30 1,6000 1,30 1,6000 1,30 1,6000 1,30 1,6000 1,30 1,6000 1,30 1,6000 1,6000 1,6000 1,7495 10000 10000 1	,N147RM ,NAME ,1 ,TYPEM2 ,PUTX2-1 ,*+20 ,TYPECN ,PUTX17-1 ,TYPE12 ,PUTX12-1		1966	PAGE	50
LUCTN 13554 13576 13578 13578 13589 13590 13602 13614 13642 13654 13646 13684 13686 13698 13717 13717 13717 13717 13717 13717 13772 13734 13736 13736 13736 13736 13736 13736 13746 13761 13776 13761 13776 13777 13812	OP 27 27 11 49 41 166 49 42 31 166 49 49 177	P/L 13642 13686 06843 02628 00000 08291 08646 13614 00001 0808291 08646 13614 00001 00002 00002 00002 00005 00005 00005 00005 00005 00005 00005 00005 00005	0 13773 13785 00001 00000 13717 +3589 +3634 08677 +3641 00000 13732 +3685	PG/LN 26260 26270 26280 26290 26300 263300 26340 26330 26340 26350 26340 26370 26440 26440 26440 26440 26450 26440 26500 26510 26550 26550 26560 26550 26660 26660	PUTX2 PUTX17 PUTX12 TYPEM2 TYPE12 N07495 N00565 N00716 N2TH0 NM22 N147RM NAME	BT BT BT BDS TR FF BDS TR FF BDS CDC DC	PUTX17 PUTX12 ADCOW CLEAR TYPET PUTX 5 TYPET PUTX8 5 TYPET PUT3 PUTX2+24 7 TYPET PUT3 PUTX2+24 1,2 2,2 2,5 2,10 2,11 5,10000 1,2 2,12 5,10000 1,3 1,2 2,15 5,10000 1,3 1,2 2,16 5,14 1,2 2,17 8,10000 5,14 1,2 8,100000 5,14 1,2 1,2 1,3 1,2 1,3 1,4 1,4 1,4 1,4 1,4 1,4 1,4 1,4 1,4 1,4	,N147RM ,NAME ,1 ,TYPEM2 ,PUTX2-1 ,*+20 ,TYPECN ,PUTX17-1 ,TYPE12 ,PUTX12-1		1966	PAGE	50
LUCTN 13542 13556 13578 13576 13578 13589 13590 13602 13614 13642 13644 13646 13648 13678 13717 13717 13717 13717 13773 13721 13723 13734 13736 13736 13737 13736 13736 13746 13761 13766 13768 13778 13786 13768 13778	UP 27 27 11 16 49 42 31 16 49 42 31 16 49 42 31 17 17	P/L 13642 13686 06843 02628 00000 08291 08646 06897 08091 08646 13614 00007 08291 08646 13614 00001 00002 00002 00002 00002 00002 00002 00005	0 13773 13785 00001 00000 13717 +3589 +3634 08677 +3641 00000 13732 +3685	PG/LN 26260 26270 26280 26290 26300 26310 26320 26330 26330 26370 26380 26390 26440 26440 26440 26440 26440 26450 26460 26550 26560 26570 26580 26580 26560 26660 26670 26660	PUTX2 PUTX17 PUTX12 TYPEM2 TYPEM2 TYPE12 N07495 N00565 N00716 N2THO NM22 N147RM NAME CDXIT	BT BT AM B B B B B B B B B B B B B B B B B B	PUTX17 PUTX12 ADCOW CLEAR TYPET PUTX8 5 TYPET PUTX8 5 TYPET PUT3 PUTX2+24 7 TYPET PUT3 PUTX2+24 1,2 2,2 2,5 2,10 2,11 5,10000 1,2 2,12 2,12 2,15 2,20 2,21 5,10000 1,3 5,7495 10CAL 5,20000 2,20 5,1473 12 PUTX 8,N00796,BLANK	,N147RM ,NAME ,1 ,TYPEM2 ,PUTX2-1 ,*+20 ,TYPECN ,PUTX17-1 ,TYPE12 ,PUTX12-1	,10	1966	PAGE	50
LUCTN 13542 13554 13566 13578 13589 13590 13602 13614 13626 13634 136366 13638 13731 13731 13732 13732 13734 13736 13736 13737 13731 13732 13736 13736 13736 13736 13736 13736 13736 13736 13736 13737 13786 13766 13776 13786 13776 13786 13776 13786 13776 13786 13776 13812 13812 13812 13812	OP 27 27 11 49 31 66 49 42 31 16 49 42 17 17 12 49 34 38 36	P/L 13642 13686 06843 00000 08291 08646 13614 00007 08291 08646 13614 00002 00002 00002 00002 00002 00005 00001 00001 00005	0 13773 13785 00001 00000 13717 +3589 +3634 08677 +3641 00000 13732 +3685	PG/LN 26270 26270 26280 26270 26380 263300 26330 26330 26330 26330 26340 26350 26440 26450 26440 26450 26440 26450 26460 26560 26570 26580 26560 26660	PUTX2 PUTX17 PUTX12 TYPEM2 TYPE12 N07495 N00565 N00716 N2TH0 NM22 N147RM NAME	BT BT AM B BD TR TFFM BF7 BBS C DC D	PUTX17 PUTX12 ANCOW CLEAR ** TYPET PUT3 PUTX8 5 TYPET PUTX8 5 TYPET PUTX8 7 TYPET PUTX2+24 7 7 PUTX2+24 1,2 2,2 2,1 5,10000 1,3 1,2 2,12 2,15 5,10000 1,3 1,2 2,12 5,100000 1,3 1,2 2,12 5,100000 1,3 1,2 2,12 5,100000 1,3 1,2 2,12 5,100000 1,3 1,2 2,12 5,100000 1,3 1,4 1,5 1,00000 1,5 1,6 1,7 1,7 1,7 1,7 1,7 1,7 1,7 1,7 1,7 1,7	,N147RM ,NAME ,1 ,TYPEM2 ,PUTX2-1 ,*+20 ,TYPECN ,PUTX17-1 ,TYPE12 ,PUTX12-1	,10	1966	PAGE	50
LUCTN 13542 13554 135766 13578 135780 13602 13614 13626 13634 13642 13654 13646 13684 13686 13698 13717 13717 13717 13717 13717 13721 13734 13736 13736 13736 13736 13737 13751 13751 13756 13766 13766 13766 13766 13766 13776 13776 13776 13776 13776 13786	UP 27 27 11 16 49 42 31 16 49 42 31 16 49 42 31 16 49 31 16 49 31 16 49	P/L 13642 13686 06843 02628 00000 08291 08646 06897 08291 08646 13614 00007 08291 00002 00002 00002 00002 00002 00002 00002 00002 00002 00005 00001 00001 00001 00001 00005	0 13773 13785 00001 00000 13717 +3589 +3634 08677 +3641 00000 13732 +3685	PG/LN 26270 26280 26270 26280 26390 263300 263300 263300 263300 263300 263300 263300 263300 263400 263500 264400 264400 264400 264500 265500 265500 265500 265500 265600 266600 266600 266700 266700 266700 267100 26730	PUTX2 PUTX17 PUTX12 TYPEM2 TYPEM2 TYPE12 N07495 N00565 N00716 N2THO NM22 N147RM NAME CDXIT	BT BT BT BDS TREM BP BDS TREM BP BDS TREM BP BDS	PUTX17 PUTX12 ADCOW CLEAR TYPET PUTX 5 TYPET PUTX8 5 TYPET PUTX8 5 TYPET PUT3 PUTX2+24 7 TYPET PUT3 PUTX2+24 1,2 2,2 2,5 2,10 2,21 5,10000 1,2 1,2 2,12 5,10000 1,3 1,2 2,12 2,11 8,10000 1,3 1,2 2,12 2,10 8,10000 1,3 1,2 1,2 1,1 8,10000 1,3 1,2 1,2 1,1 8,10000 1,3 1,4 1,1 1,1 1,1 1,1 1,1 1,1 1,1 1,1 1,1	,N147RM ,NAME ,1 ,TYPEM2 ,PUTX2-1 ,*+20 ,TYPECN ,PUTX17-1 ,TYPE12 ,PUTX12-1	,10	1966	PAGE	50
LUCTN 13542 13554 13576 13578 13578 13589 13590 13602 13614 13626 13634 13642 13654 13646 13686 13698 13717 13712 13722 13732 13732 13732 13734 13736 13746 13746 13746 13746 13751 13752 13738 13749	OP 27 27 11 49 31 66 49 42 31 16 49 42 17 17 12 49 34 38 36	P/L 13642 13686 06843 02628 00000 08291 08646 13614 00007 08291 08646 13614 00001 00002 00002 00002 00002 00005	0 13773 13785 00001 00000 13717 +3589 +3634 08677 +3641 00000 13732 +3685	PG/LN 26260 26270 26280 26290 26300 26310 26320 26330 26330 26330 26330 26370 26430 26440 26440 26440 26440 26450 26460 26550 26550 26550 26550 26560 26560 26660 26670 26660	PUTX2 PUTX17 PUTX12 TYPEM2 TYPEM2 TYPE12 N07495 N00565 N00716 N2THO NM22 N147RM NAME CDXIT	BT B	PUTX17 PUTX12 ADCOW CLEAR TYPET PUTX3 5 TYPET PUTX8 5 TYPET PUT3 PUTX2+24 7 TYPET PUT3 PUTX2+24 1,2 2,2 2,5 2,10 2,11 5,10000 1,2 2,11 5,10000 1,2 2,12 5,16 2,10 5,17495 10RT 10CAL 5,20000 2,20 5,147a 1,2 PUTX B,N00796,BLANN ADCOW CLEAR 16002 BLK3A,701 BLK3A,702 XWWX 10000 XWWX 10000	,N147RM ,NAME ,1 ,TYPEM2 ,PUTX2-1 ,*+20 ,TYPECN ,PUTX17-1 ,TYPE12 ,PUTX12-1	,10	1966	PAGE	50
LUCTN 13542 13554 135766 13578 135780 13602 13614 13626 13634 13642 13654 13646 13684 13686 13698 13717 13717 13717 13717 13717 13721 13734 13736 13736 13736 13736 13737 13751 13751 13756 13766 13766 13766 13766 13766 13776 13776 13776 13776 13776 13786	OP 27 27 11 49 31 66 49 42 31 16 49 42 17 17 12 49 34 38 36	P/L 13642 13686 06843 00000 08291 08646 13614 00007 08291 08646 13614 00002 00002 00002 00002 00002 00005 00001 00001 00005	0 13773 13785 00001 00000 13717 +3589 +3634 08677 +3641 00000 13732 +3685	PG/LN 26270 26280 26270 26280 263300 263300 263310 263320 263300 263370 263400 26350 26360 26440 26450 26440 26450 26440 26450 26460 26550 26560 26560 26560 26660	PUTX2 PUTX17 PUTX12 TYPEM2 TYPE12 N07495 N00565 N00716 NZTHO NM22 N147RM NAME CDXIT	BT BT AM B B ST TFM B F P C DC D	PUTX17 PUTX12 ANCOW CLEAR TYPET PUTX 5 TYPET PUTXB 5 TYPET PUT3 PUTX2+24 7 TYPET PUT3 PUTX2+24 1,2 2,2 2,5 5,100000 1,a 2,12 2,12 2,15 5,100000 1,a 4,2 2,10 2,20 5,1473 10CAL 5,1473 10CAL 5,1473 12 PUTX B,N00796,BLANK ADCOW CLEAR 16002 BLK3A,701 BLK3A,702	,N147RM ,NAME ,1 ,TYPEM2 ,PUTX2-1 ,*+20 ,TYPECN ,PUTX17-1 ,TYPE12 ,PUTX12-1	,10	1966		50

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LOCTN	OΡ	P/L	Q	PG/LN	LABEL	MNEM	OPERANDS AND	REMARKS		·OVEINDER •	1 7/70	, AGE	J1
10038	17	02324	1 0026	26800		втм	FMON	,CODE3					
10050	16 17	02359	0 9116 1 0050	26810 26820	ZODE4	TFM BTM	FMON+35 FMON	,BLK1 ,CODE4					
10074 10086 10098	16	02359	0 9140 1 0074	26830 26840	ZODE6 ZODE7	TFM BTM	FMON+35 FMON	,BLK2 ,CNDE6					
10110	16 17 16	02359 02324 02359	9 9140 1 0098 9 9116	26850 26860 26870	ZODE 7	TFM BTM TFM	FMON+35 FMON FMON+35	,BLK2 ,CODE7 ,BLK1					
10134	17 16	02324	±0122 0 9140	26880 26890	ZODE9	BTM TFM	FMON FMON+35	CODE8					
10158 10170	17 16	02324	±0146 ⊕9116	26900 26910	ZODE12	втм	FMON FMON+35	CODE9					
10182 10194	17 16	02324 02359	±0170 0 9164	26920 26930	ZODE14	BTM	FMON FMON+35	,CODE12 ,BLK3					
10206 10218	17 16	02324	1 0194 0 9116	26940 26950	ZODE15	BTM TEM	FMON FMON+35	,CODE14					
10230 10242	17 16	02324 02359	1 0218 0 9140	26960 269 7 0	ZODE17	BTM TFM	FMON FMON+35	,CODE15 ,BLK2	•				
10254 10266	17 16	02324 02359	1 0242 0 9116	26980 26990	ZODESS	BTM TFM	FMON FMON+35	,CODE17					
10278	17 16	02324 02359	1 0266 0 9116	27000 27010	ZDSSAB		FMON+35	,CODESS ,BLK1					
10302	17 16	02324	±0290 0 9116	27020 27030	ZD12B	BTM TFM	FMON FMON+35	,CDSSAB ,BLK1					
10326	17	02324	±0314 ±0438	27040 27050	ZCT1	BTM BTM	RMNS .	,CD12B ,FCT1P					
10350 10362 10374	48 16 17	00000 02359 02324	00000 0 9140 1 0362	27060 27070 27080	ZCTRT	H TFM	FMON+35	,BLK2					
10386	41 49	00000	00000	27090 27100	ZOJ	BTM NOP B	EOJP	,FCTRT					
10410 10422	16 17	02359 02324	0 9164 1 0410	27110 27120	ZDCALL		FMON+35 FMON	,BLK3 ,CDCALL					
10438 10443		00005 00005	0 9485 0 9505	27130	FCT1P	DSA	I,LV	,					
10444 10460	17	05510 00005	±0460 0 9485	27140 27150		BTM DSA	RMNS I,SL	, *+16					
10465 10466	14	00005 09505	00136	27160		СМ	LV .	,136	, 8	,SUBF			
10478	46	10514 09505	01200 0 0 135	27170 27180		BE CM	*+36 LV	,135	, 8	, SUBP			
10502	47	10634	01200	27190 27191	*****		FCT11					****	
10514	43 49	10534	02290	27193 27195		BD B7	*+20	7 ,,,BRANCH IF					
10534	12	06843	00012	27197	*	SM		,,,DORG BACK		DIAGNOSTI			
10558	26 14	09510 09505	06843 0 0 136	27200 27210 27220		AM TF	ADC OW RTAD	,6 ,ADCOW	,10	CUDE			
10582 10594	47 26	10614	01200 02399	27230 27240		CM BNE TF	LV *+32 RTNAME	,136	, 8	,SUBF			
10606 10614	49	10800 05075	00001	27250 27260		B7 TDM	FCT1G SUBPSW	,SL					
10626 10634	49 15	10800 05045	0000±	27270 27280	FCT11	B7 TDM	FCT1G FTSW	,1	, 11				
10646	17	04276	±0662	27290		ВТМ	SRFCT	, *+16					142
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LOCTN	0P	P/L	ω	PG/LN	LABEL		OPERANDS AND I	REMARKS	N	UVEMBER,	1966	PAGE	52
LOCTN 10662 10667	ĐΡ	P/L 00005 00005	ω θ2399 θ3836	PG/LN 27300	LABEL	DSA	St, N40012		N	IUVEMBER,	1966	PAGE	52
LOCTN 10662 10667 10668 10680	OP 25 15	P/L 00005 00005 05025 09325	0 02399 03836 04673 0000 1	PG/LN 27300 27310 27320	LABEL	DSA TD TDM	SL,N40012 RFLAG RSW,-1	,FXORFL	N	UVEMBER,	1966	PAGE	52
10662 10667 10668 10680 10692 10708	0P 25	P/L 00005 00005 05025 09325 06898 00005	0 02399 03836 04673 00001 10708 06848	PG/LN 27300 27310	LABEL	DSA TD	SL,N40012	,FXORFL	N	OVEMBER,	1966	PAGE	52
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10662 10667 10668 10680 10692 10708 10713 10718 10720 10732	OP 25 15	P/L 00005 00005 05025 09325 06898 00005 00005 09005 09520 09520 02394	0 02399 93836 04673 00001 10708 96848 99344 06843 00010 90004	PG/LN 27300 27310 27320 27330 27340 27350 27360 27370	LABEL	DSA TD TDM BTM	SL,N40012 RFLAG RSW,-1 PUTX	,FXORFL ,*+16 ,ADCOW	, 10	UVEMBER,	1966	PAGE	52
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10662 10667 10668 10680 10692 10708 10713 10718 10720 10732 10744 10756 10780 10792 10806	25 15 17 26 12 16 26 26 11	P/L 00005 00005 05025 09325 06898 00005 00005 00005 09520 02394 02394 02485 10822 050005	0 02399 03836 04673 00001 10708 06848 09344 09344 09344 00010 00004 02399 06843 00001 10816 09485	PG/LN 27300 27310 27320 27330 27340 27350 27360 27370 27380 27390 27400	LAREL FCT1G	DSA TD TDM BTM DSA TF SM TFM TF TF AM	SL,N40012 RFLAG RSW,-1 PUTX B,BLANK,BLANK SXF SXF ADTEMP ADTEMP ADTEMPI	,FXCRFL ,*+16 ,ADCOW ,10 ,4 ,SL	,10	UVEMBER,	1966	PAGE.	52
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LOCTN 10662 10667 10668 10692 10708 10713 10718 10720 10732 10746 10768 10768 10780 10802 10806 10822 10834 10822 10834 10822 10834 10822 10835 10858 10879 10859 10879 10	25 15 17 26 12 16 26 26 11 49 17 26 16 26 11 49 17	P/L 00005 00005 05025 09325 06898 00005 00005 00005 09520 09520 09520 09581 00005 06888 09515 00005 06888 09505 02399 11464 05510	0 02399 03836 04673 0000± 10708 66848 09344 09344 000±0 00000 02399 06843 00001 ±0816 0485 0485 00001 00001	PG/LN 27300 27310 27320 27330 27340 27350 27360 27370 27380 27370 27400 27420 27420 27420 27430 27440 27450 27450 27450 27450	FCT16	DSA TD TDM BTM DSA TF TF TF BTN DSA TF TF TF BTN CM	St,N40012 RFLAG RSW,-1 PUTX B,BLANK,BLANK SXF SXF ADTEMP ADTEMP 1 FCT1G1 RMNS I,SL T1 RV LV LV LV SL	,FXORFL ,*+16 ,ADCOW ,10 ,4 ,SL ,ADCOW ,1 ,*+16 ,ADCOW ,0 ,ADCOW	,10 ,6 ,10		1966	PAGE	52
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LOCTN 10662 10667 10668 10680 10692 10708 10718 10718 10720 10732 10732 10766 10760 10808 10780 10808 10808 10808 10808 10870 10816 10858 10870 10862 10892 10816 10892 10917	25 15 17 26 12 26 16 26 26 11 49 17 26 16 26 11 49 17	P/L 00005 00005 05025 06898 00005 00005 09520 09520 09520 0005 10822 09485 10822 09485 10822 09485 10822 09485 10822 09005 06888 09515 09505 092399 11464 00005 005510 00005 05510 00005	0 02399 93836 04673 00001 10708 66848 69344 99344 99344 90001 06843 00001 10816 69485 62399 06843 00001 10816 69485 02399 06843 00001 00001 00132 01200 10910 69485 62399 10932	PG/LN 27310 27310 27320 27330 27340 27350 27360 27370 27370 27490 27490 27410 27450 27450 27460 27470 27480 27470 27480 27470 27480 27470 27480 27470 27480 27470 27480 27470 27480 27470 27470 27480 27470 27480 27470 27480 27470 27480 27490 27550 27550	FCT1G FCT1G1	DSA TD DTM DSA TF MTTF AM TTF	SL,N40012 RFLAG RSW,-1 PUTX B,BLANK,BLANK SXF SXF ADTEMP ADTEMP I FCCTIG1 RMNS I,SL T1 RV LV SL FCT1C RMNS I,SL RMNS I,SL RMNS I,SL RMNS I,SL RMNS I,SR	,FXORFL ,*+16 ,ADCOW ,10 ,4 ,SL ,ADCOW ,1 ,*+16 ,ADCOW ,0 ,ADCOW ,1 ,132 ,*+16 ,*+16	,10 ,6 ,10	,sc	1966	PAGE	52
LOCTN 10662 10667 10668 10680 10718 10718 10732 10744 10756 10768 10768 10792 10806 10821 10822 10834 10858 10870 10915 10915 10937 10937 10938	25 15 17 26 12 16 26 26 11 49 17 26 16 21 14 46 17	P/L 00005 00005 05025 06898 00005 00005 00005 009520 09520 09520 009520 0005 00005 00005 00005 00005 00005 00005 00005 00005	0 02399 03836 04673 00001 10708 66848 09344 493344 00010 06843 00001 10816 09485 02399 06843 00001 10816 09485 02399 10932 09485 02399 10932 09485 02399 10932 09485 02399 10932 09485 02399 10932 09485 02399 10932 09485 02399 10932 09485 02399 10932 09485 02399 10932 09485 02399 10932 09485 02399 10932 09485 02399 10932 09485	PG/LN 27300 27310 27320 27320 27330 27340 27350 27360 27370 27380 27440 27450 27450 27470 27500	FCT1G1 FCT1A	DSA TTDM BTM DSA TFM TFF TAM B7 BTM CM B8 BTM	SL,N40012 RFLAG RSW,-1 PUTX B,BLANK,BLANK SXF SXF ADTEMP ADTEMP I FCT161 RMNS I,SL T1 RV LV LV SL FCT1C RMNS I,SL RMNS I,SL RMNS I,SL RMNS FCT12 RTHMETIC STAT SARGSW SX	,FXORFL ,*+16 ,ADCOW ,10 ,4 ,SL ,ADCOW ,1 ,*+16 ,ADCOW ,0 ,ADCOW ,1 ,132 ,*+16 ,*+16 .FTSW EMENT FUNCTION ,0 ,LV	,10 ,6 ,10	,sc	1966	PAGE	52
LOCTN 10662 10667 10668 10680 10718 10718 10718 10722 10744 10756 10768 10768 10768 10782 10800 10816 10821 10822 10834 108792 10834 108792 10834 108792 10834 108792 10834 108792 10938 10950 10915	25 15 17 26 11 26 26 11 49 17 26 16 12 14 46 17 17	P/L 00005 00005 05025 09325 06898 00005 00005 00005 09520 09520 09520 09520 00055 10822 05510 00005 005515 00005 09505 02399 11464 05510 00005 00005 11636	0 02399 03836 04673 0000± 10708 66848 90344 00843 000±0 00000 000001 ±0816 0485 02399 06843 00001 00001 00001 00001 00132 01200 10910 09485 02399 0485 02399 05045 00000 09505 00000 09505 000001 ±1002	PG/LN 27300 27310 27320 27320 27320 27340 27350 27360 27370 27410 27450 27450 27460 27470 27550	FCT1G1	DSA TTDM BTMA TFM BTTTTFF BDS TTFF BDS TTFF BDS BTMA BTTFF BDS BTMA BTTFF BDS BTMA BDS BNF AI	SL,N40012 RFLAG RSW,-1 PUTX B,BLANK,BLANK SXF SXF ADTEMP ADTEMP I FCTIG1 RMNS I,SL T1 RV LV LV LV SL FCTIC RMNS I,SL RMNS I,	,FXORFL ,*+16 ,ADCOW ,10 ,4 ,5 ,ADCOW ,1 ,*+16 ,ADCOW ,1 ,132 ,*+16 ,*+16 ,FTSW EMENT FUNCTION ,0	,10 ,6 ,10	,sc	1966	PAGE	52
LOCTN 10662 10667 10668 10680 10692 10708 10718 10718 10732 10732 10732 10734 10846 10780 10846 10886 10897 10897 10897 10897 108988 10997 10997 109988 10997 109988 10997 109988 10997 109988	25 15 17 26 12 16 26 26 26 11 49 17 26 12 14 46 17 17	P/L 00005 00005 09025 06898 00005 00005 09520 09520 09520 09520 00055 06888 09515 09505 06888 09515 09505 069505 01394 02394 02394 01464 02393 01464 025510 00005 025510 00005 01536	0 02399 93836 04673 00001 10708 66848 99344 99344 99344 99344 90001 10816 90004 02399 06843 00001 10816 90485 92399 06843 00001 10910 99485 62399 10932 940932 940932 940932 9505 00000 11002 1100	PG/LN 27310 27310 27320 27330 27340 27350 27360 27370 27370 27400 27410 27420 27420 27440 27450 27450 27450 27450 27550 27550 27560 27550 27560 27570 27580 27590 27600	FCT1G1 FCT1A	DSA TTOMBTM DSA TFM TTFF TAM7 BBTM DSA TTFM BBTM BBTM BBTM BBTM BBTM BBTM BBTM	SL,N40012 RFLAG RSW,-1 PUTX B,BLANK,BLANK SXF SXF ADTEMP ADTEMP I FCTIG1 RMNS I,SL T1 RV LV SL FCTIC RMNS I,SL FCTIC RMNS I,SL RMNS I	,FXORFL ,*+16 ,ADCOW ,10 ,4 ,SL ,ADCOW ,1 ,*+16 ,ADCOW ,0 ,ADCOW ,1 ,132 ,*+16 ,FTSW ,*+16 ,FTSW ,*+16 ,**+16	,10 ,6 ,10	,sc	1966	PAGE	52
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LOCTN 10662 10667 10668 10692 10708 10713 10718 10720 10732 10746 10768 10768 10780 10792 10800 10816 10822 10834 10822 10834 10822 10834 10870 10862 10891 10916 10932 109916 10932 109917 11012 11002 110026 110026 110026 110026 110026 110046 110570	25 15 17 26 12 12 26 26 11 49 17 26 16 12 14 46 17 17 44 45 11 17 47 17 47 17 17 47 17 17 17 17 17 17 17 17 17 17 17 17 17	P/L 00005 05025 06898 00005 09025 06898 00005 09520 09520 09520 09520 09520 09520 0005 06888 09515 08025 06888 09515 00005 0005 01464 05510 00005 01465 01465 01465 01500 0150	0 02399 03836 04673 00001 10708 66848 90344 90344 90344 90344 90399 06843 00001 10816 0485 02399 06843 00001 10816 0485 02399 06843 00001 10910 09485 02399 10901 10910 10910 10910 10910 10910 10910 10929 10901 10000 10001 1	PG/LN 27300 27310 27320 27330 27340 27350 27370 27380 27490 27410 27420 27450 27450 27450 27450 27450 27550 27550 27550 27550 27560 27570 27560 27570 27560 27560 27660 27660	FCT1G1 FCT1A	DSA TTOMMENTA TEMPERATURE TEMP	SL,N40012 RFLAG RSW,-1 PUTX B,BLANK,BLANK SXF SXF SXF ADTEMP ADTEMP-1 ADTEMP1 FCT1G1 RNNS I,SL T1 RV LV	,FXORFL ,*+16 ,ADCOW ,10 ,*4 ,5L ,ADCOW ,1 ,*+16 ,ADCOW ,1 ,132 ,*+16 ,*+16 ,FTSW EMENT FUNCTION ,1 ,1 ,*+16 ,FTSW THE MANUAL STATE S	,10 ,6 ,10 ,9 ,10 ,8	,sc	1966	PAGE	52
LOCTN 10662 10667 10668 10692 10708 10718 10718 10720 10732 10746 10756 10768 10768 10768 10780 10816 10822 10834 10821 10822 108346 10858 10970 10862 10915 10937 10938 10950 10962 11003	25 15 17 26 12 16 26 21 14 41 7 17 26 12 44 17 17 44 15 15 17 17 44 17 17 17 17 17 17 17 17 17 17 17 17 17	P/L 00005 05025 06898 00005 09225 06898 00005 09520 09520 09520 09520 09520 009520 009520 009520 009520 009520 009520 009520 009485 10822 009485 00005 00005 005510 00005 00005 005510 00005 00005 000505 110464 00005 00005 11536	0 02399 03836 04673 00001 10708 06848 90344 06843 00010 02399 06843 00001 10816 02399 06843 00001 049485 02399 06843 00001 04939 06843 00001 04939 06843 00001 0932 0485 02399 06843 00001 09485 02399 06843 00001 09485 02399 06843 00001 09485 02399 06843 00001 09485 02399 06843 00001 09485 02399 06843 00001 09485 02399 06843 00001 09485 02399 00001 00000 09505 00000 00505 00000 00505 00000 00505 00000 00505 00000 00505 00000 00505 00000 00505 00000 00505 00000 00505 00000 00505 00000 00505 00000 00505 00000 00505 00000 00505 00000 00505 00000 00505 00000 00505	PG/LN 27300 27310 27320 27330 27340 27350 27370 27380 27400 27440 27450 27450 27450 27550 27560 27550 27560 27570 27580 27560 275760 27560 275760 275	FCT1G1 FCT1A	D S A D D M B T S M M M M M M M M M M M M M M M M M M	SL,N40012 RFLAG RSW,-1 PUTX B,BLANK,BLANK SXF SXF SXF ADTEMP ADTEMP I FCTIGI RMNS I,SL T1 RV LV LV LV SCTIC RMNS I,SL RMNS I,SL RMNS I,SL RMNS I,SL RMNS I,SL SXI SXAGSW SX	,FXORFL ,*+16 ,ADCOW ,10 ,4 ,SL ,ADCOW ,1 ,*+16 ,ADCOW ,0 ,ADCOW ,1 ,132 ,*+16 ,*+16 ,FTSW MEMENT FUNCTION ,0 ,LV ,1 ,*+16	,10 ,6 ,10 ,9 ,10 ,8	,sc	1966	PAGE	52
LOCTN 106667 10667 10668 10692 10708 10718 10718 10720 10732 10756 10768 10782 10782 10801 10816 10822 108346 10858 10862 10862 10878 10978 10938 10950 10962 11007 111038 111038 111038	25 15 17 26 12 16 26 11 49 17 17 26 12 14 46 17 17 17 44 15 16 17 17 17 18 18 18 18 18 18 18 18 18 18 18 18 18	P/L 00005 05025 06898 00005 09325 06898 00005 09520 09520 09520 09520 09520 009520 00055 10822 009485 10822 009551 00005 00005 00005 110464 0005 00005 11536	0 02399 03836 04673 00001 10708 06848 09344 06843 00010 06843 00001 10816 02399 06843 00001 10816 02485 02399 06843 00001 04910 04910 049485 02399 10900 06843 00001 10910 049485 02399 10932 049485 04932 049485 049505 04970 04985 04970 04985 04970 04985 04970 04985 04970 04985 04970 04985 04970 04985 04970 04985 04970 04985 04970 04985 04970 04985 04970 04985 04990 04985 04990 04985 04990 04900 0	PG/LN 27300 27310 27320 27330 27340 27350 27370 27380 27340 27420 27420 27420 27420 27450 27450 27550 27560 27570 27580 27560 27570 27560 27570 27560 27570 27560 27570 27560 27570 27560 27570 27560 27570 27580 27650	FCT1G1 FCT1A	D S A D S A	SL,N40012 RFLAG RSW,-1 PUTX B,BLANK,BLANK SXF SXF ADTEMP ADTEMP I FCTIGI RNNS I,SL T1 RV LV LV LV SCTIC RMNS I,SL RMNS I,SL RMNS I,SL RMNS I,SL RMNS I,SL RMNS I,SL SS1 PUTX AM,LV,FIVE SS4 *+20 FCT13 SS2 SUBCOW SUBCOW PUTX TF,SUBCOW,LV	,FXORFL ,*+16 ,ADCOW ,10 ,4 ,SL ,ADCOW ,1 ,*+16 ,ADCOW ,0 ,ADCOW ,1 ,132 ,*+16 ,*+16 ,FTSW MEMENT FUNCTION ,0 ,LV ,1 ,*+16 ,FTSW ,1 ,*+16 ,FTSW ,1 ,ADCOW ,1 ,*+16	,10 ,6 ,10 ,9 ,10 ,8	,sc	1966	PAGE	52
LOCTN 10662 10667 10668 10680 10692 10703 10718 10718 10720 10732 10732 10756 10768 10780 10846 10846 10858 10876 10891 10816 10878 10891 10891 10891 10891 10891 10910 10916 10937 10938 10968 10974 10986 110974 11098 110974 11098 110974 11098 110974 11098 110974 11098 110979 11098	25 15 17 26 116 26 211 417 26 214 417 17 44 15 215 17 17 44 17 17 17 44 17 17 17 17 17 17 17 17 17 17 17 17 17	P/L 00005 05025 06898 00005 09325 06898 00005 09520 09520 09520 09520 09520 09520 0005 06888 09505 06888 09505 06888 09515 09505 06888 09515 09505 01394 02394 02397 07342 06898 00005 07343 13632 0037343 13637 06898 00005 07345 11286 07343 13637 06898	0 02399 93836 04673 00001 10708 96848 99344 99344 99344 99344 99344 0001 12399 06843 00001 10816 90485 02399 06843 00001 00132 01200 10910 90485 02399 10932 90485 02399 10932 90485 02399 10932 90485 02399 10932 90485 10932 90485 10932 90485 10932 90485 10932 90485 10932 10001 1002 100000 100000 100000000000	PG/LN 27300 27310 27320 27330 27340 27350 27370 27380 27370 27380 27400 27450 27450 27450 27450 27450 27550 27550 27550 27550 27550 27560 27570 27680 27670 27680 27670 27680	FCT1G1 FCT1A	DS A TTOMMENT TERMENT	SL,N40012 RFLAG RSW,-1 PUTX B,BLANK,BLANK SXF SXF ADTEMP ADTEMP I FCTIG1 RMNS I,SL T1 RV LV SL FCTIC RMNS I,SL FCTIC RMNS I,SL FCTIC RMNS I,SL FCTIC STAT SARSSW SXI SY	,FXORFL ,*+16 ,ADCOW ,10 ,4 ,SL ,ADCOW ,1 ,*+16 ,ADCOW ,0 ,ADCOW ,1 ,132 ,*+16 ,*+16 ,FTSW EMENT FUNCTION ,0 ,LV ,1 ,*+16 ,FCTSW ,1 ,*+16 ,ADCOW ,35 ,*+16	,10 ,6 ,10 ,9 ,10 ,8 IN MA	,sc	1966	PAGE	52
LOCTN 106667 106667 106668 106802 107083 10718 10718 10732 10732 10732 10732 10756 10768 10780 10792 110821 10822 10918 10870 108864 10870 108864 10915 10916 10937 10938 10950 110937 110938 110966 11038 11078 110916 11038 11078 110916 11038 11078 110916 11038 11078 110916 11038 11078 110918	25 15 17 26 12 12 12 12 12 12 12 13 14 14 17 17 17 17 14 14 16 11 17 17 17 17 17 18 18 19 19 19 19 19 19 19 19 19 19 19 19 19	P/L 00005 00005 09225 06888 00005 00005 09520 09520 09520 09520 0005 06888 09515 09505 06005 07304 13632 07342 06898 00005 11536 00005 1153637 06898 00005 07345 11286 07343 13637 13637 13637 13637 13637 13637 13637	0 02399 93836 04673 00001 10708 66848 69344 99344 99344 99344 00010 06843 00001 10816 69485 02399 06843 00001 10910 09485 02399 10932 01200 10910 09485 02399 10932 01200 10910 109485 02399 10932 01200 10910 09485 00001 11002 09505 00001 11002 09505 00001 11002 09505 00001 11002 09505 00001 11002 09505 00001 11002 09505 00001 11002 09505 00001 11002 09505 00001 11002 09505 00001 11002 09505 00001 11002 09505 00001 11002 09505 00001 11102 0001 00001 00001 00001 00001 00001 00001 00001 00001 00001 00001 00001 00001 00001 00001 00001 00001 00001	PG/LN 27300 27310 27320 27330 27340 27350 27370 27380 27370 27400 27410 27420 27450 27450 27550 27560 27550 27560 27570 27580 27560 27570 27580 27560 27570 27580 27570	FCT1G1 FCT1A	D S A D M M M M M M M M M M M M M M M M M M	SL,N40012 RFLAG RSN,-1 PUTX B,BLANK,BLANK SXF SXF ADTEMP ADTEMP-1 ADTEMP I FCT1G1 RMNS I,SL T1 RV LV SL FCT1C RMNS I,SL FCT12 RTHMETIC STAT SARSW SXS SXI PUTX AM,LV,FIVE SS4 *+20 FCT13 SS2 SUBCOW PUTX TF,SUBCOW,LV BCOW BCOW SS2 UBCOW BCOW SS2 UBCOW SS2 UBCOW PUTX	,FXORFL ,*+16 ,ADCOW ,10 ,4 ,SL ,ADCOW ,1 ,*+16 ,ADCOW ,0 ,ADCOW ,1 ,132 ,*+16 ,*+16 ,FTSW EMENT FUNCTION ,0 ,LV ,1 ,*+16 ,FCTSW ,1 ,ADCOW ,35 ,*+16 ,ADCOW ,36 ,11 ,ADCOW ,36 ,11 ,ADCOW ,36 ,11 ,*+16	,10 ,6 ,10 ,9 ,10 ,8	,sc	1966	PAGE	52
LOCTN 106667 10667 10668 10692 10708 10713 10718 10720 10732 10746 10756 10768 10768 10780 10821 10822 10834 10858 10862 108940 10816 10870 10862 108940 10915 10938 10950 10962 10916 10917 10918 11026 11007 11014 11026 11007 110082 111046 110381 11046 110382 11103	25 15 17 26 12 26 12 16 12 26 11 49 17 17 44 46 17 17 44 15 16 16 11 17 17 17 18 18 18 18 18 18 18 18 18 18 18 18 18	P/L 00005 05025 06898 00005 09325 06898 00005 09520 09520 09520 09520 09520 00955 00888 09515 00005 06888 09515 00005 06510 00005 013642 06898 00005 07345 11046 113637 06898 00005 007345 11046 113637 06898 00005 00005 00005 00005	0 02399 03836 04673 00001 10708 66848 698344 693344 693344 69344 69383 00001 10000 00000 00000 00000 00000 00000 00000	PG/LN 27300 27310 27320 27330 27340 27350 27360 27370 27380 27340 27420 27420 27420 27420 27450 27450 27550 27550 27550 27560 27570 27660 27670 27680 277600 27680 27680 277690 277680 27680 27680 277690 277680 277690 277690 277680 277690 277680 277680 277680 277680 277680 277680 277680 277680 277680 277710	FCT1G1 FCT1A	DS A TTOMMENT TERMENT TO THE TERMENT THE TERMENT TO THE TERMENT TH	SL,N40012 RFLAG RSW,-1 PUTX B,BLANK,BLANK SXF SXF SXF ADTEMP ADTEMP-1 ADTEMP I FCT1G1 RNNS I,SL T1 RV LV	,FXORFL ,*+16 ,ADCOW ,10 ,4 ,SL ,ADCOW ,1 ,*+16 ,ADCOW ,0 ,ADCOW ,1 ,132 ,*+16 ,*+16 ,FTSW EMENT FUNCTION ,0 ,LV ,1 ,*+16 ,FCTSW ,1 ,ADCOW ,35 ,*+16 ,ADCOW ,36 ,11 ,ADCOW ,36 ,11 ,ADCOW ,36 ,11 ,*+16	,10 ,6 ,10 ,9 ,10 ,8 IN MA	,sc	1966		52

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LOCTN	OP	P/L	Q		LABEL		OPERANDS AND F				
11186 11202 11207 11212	17	06898 00005 00005 00005	+1202 +9331 +3637 +9344	27750 27760		BTM DSA	PUTX CF,SUBCOW,BLAN	,*+16 NK			
11214 11226 11242 11247	16 17	07345 06898 00005 00005	0±101 ±1242 0 9333 ±3637	27770 27780 27790		TFM BTM DSA	SS4 PUTX TF,SUBCOW,SUBC	,1101 ,*+16 COW	, 8		
11252 11254	44	00005 11274	±3637 13632	27800		BNF	*+20	,SARGSW			
11266 11274	49 26	11738 02377	13637	27810 27820		B7 TF	FCT1J SX	, SUBCOW			
11286 11298	15 17	07343 06898	00001 11314	27830 27840	FCT13	T DM B T M	SS2 PUTX	,1 ,*+16			
11314 11319 11324		00005 00005 00005	09370 04227 02377	27850		DSA	BT, TOFAC, SX	, =:			
11326 11338	15 17	07343 04276	00001 1 1354	27860 27870		TDM BTM	SS2 SRFCT	,1 ,*+16	•		
11354 11359	•	00005	0 2399 0 3836	27880		DSA	SL+N40012	,			
11360 11376 11381	17	06898 00005 00005	11376 06846 04222	27890 27900		BTM DSA	PUTX BTM, FRFAC, N400	,*+16 012			
11386 11388	14	00005 02372	03836 00104	27910	FCT1F	СМ	SR ,	,104	,8	,RIGHT PAREN	
11400 11412	46 11	11432	01200 000 0 5	27920 27930		BE AM	FCT1B RV	,5	,10	71.7.	
11424 11432	49	10894 11464	09515	27940 27950	FCT1B	B7 · BD	FCT1A FCT1C	,RV	,10		
11444 11456	16	02372 11476	000002	27960	FCT1K	TFM	SR	,2	,10		
11464	16	02372	00001	27970 27980	FCT1C	B7 TFM	FCT1D SR	,1	,10		
11476 11488	15 17	07342 06898	00001 11504	27990 28000	FCT10	T D M B T M	SS1 PUTX	,1 ,*+16			
11504 11509		00005 00005	0 9335 0 9505	28010		DSA	AM,LV,SR				
11514 11516	43	00005 03206	0 2372 05045	28020		BD	EXIT	,FTSW			
11528 11536	49 17	02628 04276	1 1552	28030 28040	FCT12	B7 BTM	CLEAR SRFCT	,*+16			
11552 11557		00005 00005	0 2399 0 3831	28050		DSA	SL,N40011				
11558 11570	14 47	02372 11602	0 0 104 01200	28060 28070		CM BNE	SR *+32	,104	,8	RIGHT PAREN	
11582 11594	15 49	13632 10974	0000 1	28080 28090		TDM 87	SARGSW FCT1H	, 1	, 11		
11602 11614	16 26	07343 03836	000±1 06843	28100 28110		T F M T F	SS2 N40012	,11 ,ADCOW	, 10		
11626 11638	11 12	03836 03831	000 9 0 000 0 4	28120 28130		AM SM	N40012 N40011	,90 ,4	,10 ,10		
11650 11666	17	06898 00005	11666 0 9327	28140 28150		BTM DSA	PUTX TFM,N40012,N40	, *+16	710		
11671 11676		00005	03836 03831	20170		054	111111111111111111111111111111111111111	0011			
11678 11690	15 17	07342 06898	00001 ±1706	28160 28170		T D M B T M	SS1 PUTX	,1 ,*+16			144
*****	0P	P/L	PASS FORTRAN	PG/LN	LABEL		OPERANDS AND F		1	NOVEMBER, 1966	PAGE 54
LUCTN 11706 11711		P/L 00005 00005	ψ 0 9335 0 3836		LABEL		OPERANDS AND F		١	NOVEMBER, 1966	PAGE 54
LUCTN 11706 11711 11716 11718	OP 15	P/L 00005 00005 00005 13632	Q 0 9335	PG/LN 28180 28190	LABEL	DSA TDM	AM,N40012,FOUF		,11	NIVEMBER, 1966	PAGE 54
LUCTN 11706 11711 11716 11718 11730 11738	OP 15 49 16	P/L 00005 00005 00005 13632 10974 07343	ψ 69335 93836 +3648 0000θ 000±1	PG/LN 28180 28190 28200 28210	LABEL	DSA TDM B7 TFM	AM,N40012,FOUR SARGSW FCT1H SS2	,0 ,11		NIVEMBER, 1966	PAGE 54
11706 11711 11716 11718 11730 11738 11750 11766	OP 15 49	P/L 00005 00005 00005 13632 10974 07343 06898 00005	0 09335 03836 13648 00000 00011 11766 69333	PG/LN 28180 28190 28200		DSA TDM B7	AM,N40012,FOUF SARGSW FCT1H	,0 ,11 ,*+16	,11	MUVEMBER, 1966	PAGE 54
LUCTN 11706 11711 11716 11718 11730 11738 11750 11766 11771 11776	OP 15 49 16 17	P/L 00005 00005 00005 13632 10974 07343 06898 00005 00005	0 09335 03836 13648 00000 00011 11766 09333 03831 13637	PG/LN 28180 28190 28200 28210 28220 28230		DSA TDM B7 TFM BTM BTM DSA	AM,N40012,FOUF SARGSW FCT1H SS2 PUTX TF,N40011,SUBC	,0 ,11 ,*+16 COW	,11	NOVEMBER, 1966	PAGE 54
LUCTN 11706 11711 11716 11718 11730 11738 11750 11766 11771 11776 11778 11778	OP 15 49 16 17	P/L 00005 00005 00005 13632 10974 07343 06898 00005 00005 07342 11444	0 09335 03836 13648 00000 00011 11766 09333 03831 13637 00001 13632	PG/LN 28180 28190 28200 28210 28220 28230 28240 28250		DSA TDM B7 TFM BTM DSA TDM BD	AM,N40012,FOUR SARGSW FCT1H SS2 PUTX TF,N40011,SUBC	,0 ,11 ,*+16 COW ,1 ,SARGSW	,11	KOVEMBER, 1966	PAGE 54
LUCTN 11 706 11 711 11 716 11 718 11 730 11 738 11 750 11 776 11 777 11 776 11 778 11 779 11 802 11 814	OP 15 49 16 17 15 43 15 26	P/L 00005 00005 00005 13632 10974 07343 06898 00005 00005 07342 11444 07342 03831	0 09335 03836 13648 00000 00011 11766 09333 03831 13637 00001 13632 00001 06843	PG/LN 28180 28190 28200 28210 28220 28230 28240 28250 28260 28270		TDM B7 TFM BTM DSA	AM,N40012,FOUR SARGSW FCT1H SS2 PUTX TF,N40011,SUBG SS1 FCT1K SS1 N40011	,0 ,11 ,*+16 COW ,1 ,SARGSW ,1 ,ADCOW	,11	KOVEMBER, 1966	PAGE 54
LUCTN 11706 11711 11716 11718 11730 11738 11750 11776 11778 11778 11779 11802 11814 11826 11838	OP 15 49 16 17	P/L 00005 00005 13632 10974 07343 06898 00005 00005 00005 07342 11444 07342 03831 03831	0 09335 03836 13648 00000 00041 11766 09333 13637 00001 13632 00001 06843 00006 41854	PG/LN 28180 28190 28200 28210 28220 28230 28240 28250 28260 28270 28280 28280		TDM B7 TFM BTM DSA TDM BD TDM TF SM BTM	AM,N40012,FOUR SARGSW FCT1H SS2 PUTX TF,N40011,SUBO SS1 FCT1K SS1 N40011 N40011 N40011 PUTX	,0 ,11 ,*+16 COW ,1 ,SARGSW ,1 ,ADCOW ,6 ,*+16	,11	NOVEMBER, 1966	PAGE 54
LUCTN 11706 11716 11718 11730 11738 11750 11766 11771 11776 11778 11778 11790 11802 11814 11826 11838 11854	OP 15 49 16 17 15 43 15 26 12	P/L 00005 00005 00005 13632 10974 07343 06898 00005 00005 07342 11444 07342 03831 06898 00005	Q 09335 03836 13648 00000 00011 11766 69333 03831 13632 00001 13632 00001 06843 00006 11854 09335 0335	PG/LN 28180 28190 28200 28210 28220 28230 28240 28250 28260 28270 28280		TDM B7 TFM BTM DSA TDM BD TDM TF SM	AM,N40012,FOUR SARGSW FCT1H SS2 PUTX TF,N40011,SUBO SS1 FCT1K SS1 N40011 N40011	,0 ,11 ,*+16 COW ,1 ,SARGSW ,1 ,ADCOW ,6 ,*+16	,11	NOVEMBER, 1966	PAGE 54
LOCTN 11706 11711 11716 11718 11738 11750 11766 11777 11776 11776 11778 11802 11814 11826 11834 11859 11864	15 49 16 17 15 43 15 26 12 17	P/L 00005 00005 00005 13632 10974 07343 06898 00005 00005 00005 11444 07342 03831 03831 03831 06898 00005 00005	Q 09335 03836 13648 00000 0001 11766 09333 03831 13637 000001 06843 00006 11854 09335 03831 13646 01101	PG/LN 28180 28190 28200 28210 28220 28230 28240 28250 28260 28270 28270 28280 28290 28300		TDM BTM BTM DSA TDM BD TDM TFM BTM DSA	AM,N40012,FOUR SARGSW FCT1H SS2 PUTX TF,N40011,SUBO SS1 PCT1K SS1 N40011 N40011 PUTX AM,N40011,ONE2	,0 ,11 ,**+16 COW ,1 ,SARGSW ,1 ,ADCOW ,6 ,*+16 2	,11	KIVEMBER, 1966	PAGE 54
LOCTN 11706 11711 11716 11718 11730 11738 11750 11766 11771 11776 11778 11790 11802 11814 11826 11838 11884 11854 11858	0P 15 49 16 17 15 43 15 26 11 16 26 11	P/L 00005 00005 00005 13632 10974 07343 06898 00005 00005 11444 07342 03831 03836 00005 07005 07005	0 09335 03836 13648 00000 00011 11766 09333 0333 13637 00001 13632 00001 06843 00006 11854 09335 0335 0335 0335 0346 01101 09505	PG/LN 28180 28190 28200 28210 28220 28230 28240 28250 28260 28270 28280 28290 28300 28310 28330 28330		TDM BTM BTM DSA TDM BD TF SM BTM DSA	AM,N40012,FOUR SARGSW FCT1H SS2 PUTX TF,N40011,SUBO SS1 FCT1K SS1 N40011 N40011 PUTX AM,N40011,ONE2 SS4 N40012 N40012	,0 ,11 ,*+16 COW ,1 ,SARGSW ,1 ,ADCOW ,6 ,*+16 2	,11	KIVEMBER, 1966	PAGE 54
LOCTN 11706 11711 11716 11718 11738 11750 11766 11771 11776 11776 11776 11779 11802 11814 11826 11838 11859 11866 11878 11890 11902	15 49 16 17 15 43 15 26 12 17	P/L 00005 00005 13632 10974 07343 06898 00005 00005 07342 11444 07342 03831 03831 03836 00005 07345 03836 03836	0 09335 03836 13648 00000 00041 11766 09333 13637 00001 13632 00001 06843 00006 41854 09335 03831 13646 04101 00013 14918 14918 14918 14918	PG/LN 28180 28190 28200 28210 28220 28230 28240 28250 28270 28270 28280 28290 28300		TDM B7 TFM DSA TDM BD TDM TF SM DSA	AM,N40012,FOUR SARGSW FCT1H SS2 PUTX TF,N40011,SUBO SS1 FCT1K SS1 N40011 N40011 N40011 PUTX AM,N40011,ONE2	,0 ,11 ,**16 COW ,1 ,SARGSW ,1 ,ADCOW ,6 ,**16 2	,11 ,10	KOVEMBER, 1966	PAGE 54
LOCTN 11706 11711 11716 11718 11730 11738 11750 11766 11771 11776 11776 11876 11771 11826 11838 11890 11802 118189 11890 11902 11918	15 49 16 17 15 43 15 26 12 17	P/L 00005 00005 13632 10974 07343 06898 00005 00005 07342 11444 07342 03831 03836 00005 07345 00005 07345 03836 03836 03836 03836 03836 00005	Q 09335 03836 13648 00000 0001 11766 09333 43637 00001 13632 00001 13632 00006 41854 09335 63831 43646 01101 09505 00013 41918 43644 03831	PG/LN 28180 28190 28220 28220 28220 28230 28250 28250 28260 28270 28280 28290 28300 28320 28330 28340 28350	FCT1J	DSA TDM B7 TFM B7 TFM BDSA TDM BD TFF SM BDSA TFM TFA AM DSA	AM,N40012,FOUR SARGSW FCT1H SS2 PUTX TF,N40011,SUBO SS1 FCT1K SS1 N40011 N40011 N40011 N40011 SUBO SS4 N40012 N40012 N40012 PUTX BNR,N40012,N40	,0 ,11 ,*+16 COW ,1 ,SARGSW ,1 ,ADCOW ,6 ,*+16 ,*+16 ,*+16	,11 ,10	VOVEMBER, 1966	PAGE 54
LOCTN 11706 11711 11716 11718 11730 11788 11750 11766 11771 11776 11776 11778 11824 11826 11814 11828 11854 11854 11864 11868 11878	15 49 16 17 15 43 15 26 12 17	P/L 00005 00005 13632 10974 07343 00005 00005 07342 11444 07343 03831 03831 03836 03836 03836 03836 03836 03836 00005	Q 09335 03836 13648 00000 00041 11766 09333 13637 00001 13632 00001 13632 00006 11854 09335 00006 11854 01101 09505 00013 11918 13644 03831 00006 11918 13644 03831 00006 00018 11918 13644 03831 00006 00018 11918 13644 03831 00006 00006 00001 000001 00001 00001 00001 00001 00001 00001 00001 00001 000001 00001 00001 00001 00001 00001 00001 00001 00001 000001 00001 00001 00001 00001 00001 00001 00001 00001 000001 00001 00001 00001 00001 00001 00001 00001 00001 000001 00001 00001 00001 00001 00001 00001 00001 00001 000001 00001 00001 00001 00001 00001 00001 00001 00001 000001 00001 000001 000001 000001 000001 000001 000001 00000001 00000001 00000000	PG/LN 28180 28190 28220 28230 28220 28230 28250 28260 28260 28270 28280 28290 28320 28320 28320 28330 28330 28330 28350		DSA TDM BT TDM BD TDM TF SM TDM DSA TFM TFM DSA TFM TFM AM BTM DSA	AM,N40012,FOUR SARGSW FCT1H SS2 PUTX TF,N40011,SUBO SS1 FCT1K SS1 N40011 N40011 N40011 N40011 SS4 N40012 N40012 N40012 N40012 N40012 RV I RV I	,0 ,11 ,*+16 OOW ,1 ,SARGSW ,1 ,ADCOW ,6 ,*+16 2	,11 ,10	VOVEMBER, 1966	PAGE 54
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LOCTN 11706 11711 11716 11718 11730 11738 11750 11766 11771 11776 11776 11870 11802 11814 11828 11854 11854 11854 11854 11859 11864 11878 11890 11918 11923 11928 11928 11928 11929 11918 11923 11928 11939	15 49 16 17 15 43 15 26 12 17	P/L 00005 00005 13632 10974 07343 06898 00005 00005 07342 07342 03831 06898 00005 00005 00005 00005 00005 00005 00005 00005 00005 00005 00005 00005	0 09335 03836 13648 00000 00041 11766 09333 03831 13637 00001 13632 00001 06843 00006 11854 09335 0331 13646 04101 09505 00001 14938 1918 193644 193836 193831 19485 19485 1970 19485 1970 19485 19694	PG/LN 28180 28190 28200 28210 28220 28230 28250 28250 28270 28280 28270 28320 28320 28320 28330 28330 28330 28340 28350 28340 28350 28350 28360 28370 28380 28370 28380 28380 28380 28380 28380	FCT1J	DSA TDM B7	AM,N40012,FOUR SARGSW FCT1H SS2 PUTX TF,N40011,SUBO SS1 N40011 N40011 PUTX AM,N40011,ONE2 SS4 N40012 N40012 N40012 N40012 N40012 RV I RMNS I,SR SR	,0 ,11 ,*+16 OOW ,1 ,SARGSW ,1 ,ADCOW ,6 ,*+16 2	,11 ,10 ,10	NOVEMBER, 1966	PAGE 54
LOCTN 11706 11711 11716 11718 11730 11788 11780 11766 11771 11776 11802 11814 11826 11838 11884 11886 11818 11884 11890 11902 11918 11923 11923 11923 11924 11970	OP 15 49 16 17 15 26 12 17 16 26 11 17	P/L 00005 00005 00005 13632 10974 07343 00005 00005 07342 11444 00005 00005 07345 00005 07345 00005 00005 0005 0005 0005 0005 0005	Q 09335 03836 13648 00000 00041 11766 09333 13637 00001 13632 00001 13632 00006 11854 09335 03831 13646 01101 09505 00013 11918 13644 03831 13644 03831 00005 00011 11970 09485 02372	PG/LN 28180 28190 28200 28210 28220 28230 28250 28250 28270 28280 28270 28300 28320 28330 28330 28340 28350 28370 28340 28350 28370 28380 28390 28390 28340 28340 28340 28340 28340 28340 28350	FCT1J	DSA TDM B7 BD DSA TDM BD TDM B	AM,N40012,FOUR SARGSW FCT1H SS2 PUTX TF,N40011,SUBO SS1 N40011 N40011 PUTX AM,N40011,ONE2 SS4 N40012 PUTX BNR,N40012,N40 RV I RMNS I,SR SR FCT1L FCT1B	,0 ,11 ,**16 COW ,1 ,SARGSW ,1 ,ADCDW ,6 ,**16 2 ,1101 ,LV ,13 ,**16 0011 ,5 ,1 ,**16	,11 ,10 ,10		PAGE 54
LOCTN 11706 11711 11716 11718 11730 11788 11780 11766 11771 11776 11776 11802 11814 11826 11838 11890 11902 11918 11923 11923 11948 11930 11942 11975 11976 11976 11976	15 49 16 17 15 43 15 26 12 17 16 26 11 17	P/L 00005 00005 00005 13632 10974 07343 00005 00005 07342 11444 00005 00005 07345 00005 07345 00005 00005 07345 00005 0005 0005 0005 0005 0005 0005	Q 09335 03836 13648 00000 00041 11766 09333 03831 13637 00001 13632 00001 13632 00006 11854 09335 03831 13646 04101 09505 00013 14918 13644 03836 03831 00005 00001 14970 0485 02372 00104 01200	PG/LN 28180 28190 28220 28220 28230 28220 28250 28250 28260 28270 28280 28270 28280 28330 28340 28350 28380 28390 28390 28420 28420 28420 28440	FCT1L	TDM B7 FFM BTM DSA TDM BDD TFF BTM DSA TFM BTM DSA TFM BTM DSA CM B B B B B B B B B B B B B B B B B B	AM,N40012,FOUF SARGSW FCT1H SS2 PUTX TF,N40011,SUBO SS1 N40011 PUTX AM,N40011,ONE2 SS4 N40012 PUTX BNR,N40012,N40 RV I RMNS I,SR SR FCT1L FCT1L FCT1L FCT1L FCT1L FCT1L FCT1L FCT1B RROUT	,0 ,11 ,**+16 COW ,1 ,SARGSW ,1 ,ADCOW ,6 ,**+16 ,**+16 ,13 ,**+16 00011 ,5 ,1 ,104	,11 ,10 ,10 ,8 ,10 ,10 ,8		PAGE 54
LOCTN 11706 11711 11716 11718 11730 11738 11750 11766 11778 11776 11777 11776 11824 11826 11838 11890 11902 11918 11923 11954 11975 11976 11977 11976 11977 11978	15 49 16 17 15 43 15 26 12 17 16 26 11 17 11 11 17 14 47 49 147 49 147	P/L 00005 00005 00005 13632 10974 07343 00005 00005 07342 11444 07343 08831 06898 00005 00005 07345 00005 00005 00005 00005 0005 00005 00005 00005 00005 00005	Q 09335 03836 13648 00000 00041 11766 09333 13637 00001 13632 00001 13632 00006 11854 09335 03831 13646 01101 09505 00013 11918 13644 03836 03831 00005 00005 00001 11970 00005 000000 000000 000000 001100	PG/LN 28180 28190 28200 28220 28230 28250 28250 28250 28250 28250 28350 28350 28350 28350 28350 28350 28360 28370 28360 28370 28360 28360 28360 28360 28360 28360 28360 28360 28360 28360 28460 28450 28450 28450 28450 28450	FCT1L *******	DSA TDM B7FM B7FM B7FM B7FM B7FM B7FM B7FM B7F	AM,N40012,FOUR SARGSW FCT1H SS2 PUTX TF,N40011,SUBG SS1 N40011 N40011 N40011 N40012 PUTX AM,N40012,N40 RV I RMNS I,SR SCTIL FCT1L FCT1L FCT1L FCT1L ADCOW BAL *+36	,0 ,11 ,*+16 COW ,1 ,SARGSW ,1 ,ADCOW ,6 ,*+16 2 ,1101 ,LV ,13 ,*+16 cool1 ,5 ,1 ,++16 ,104	,11 ,10 ,10 ,10 ,10 ,10 ,10		PAGE 54
LOCTN 11706 11711 11716 11718 11718 11718 11750 11768 11776 11776 11776 11776 11776 11778 11824 11825 11814 11828 11854 11859 11804 11828 11854 11859 11804 11858 11878 11890 11902 11918 11928 11930 11942 11954 11975	15 49 16 17 15 43 15 26 12 17 11 11 17 14 47 49 124 47 11 25	P/L 00005 00005 00005 13632 10974 07343 00005 00005 07342 11444 07342 11444 07342 03831 03831 06898 00005 00005 00005 00005 00005 00005 00005 00005 00005 00005 01485 055510 00005 00005 00005 00005 00005 00005 00005 00005	Q 09335 03836 13648 00000 00041 11766 09333 13637 00001 13632 00001 13632 00006 11854 09335 00066 11854 09335 00068 331 13646 01101 09505 0001 13644 09335 00001 14970 09485 02372 00001 00005 00006 01100 00006 001100 00006 001100 00006 001100 00006 00006 00006 001100 00006	PG/LN 28180 28190 28200 28210 28220 28230 28240 28250 28260 28270 28280 28290 28320 28320 28320 28330 28340 28350 28340 28440 28450 28440 28450 2850	FCT1L	DSA TDM B7FM B7FM B7FM B7FM B7FM B7FM B7FM B7F	AM,N40012,FOUF SARGSW FCT1H SS2 PUTX TF,N40011,SUBG SS1 FCT1K SS1 N40011 N40011 N40011 PUTX AM,N40011,ONE2 SS4 N40012 N40012 N40012 N40012 N40012 N40012 SS4 SS4 SS5 SS4 SS5 SS6 FCT1L FCT1L FCT1LB ADCOM BAL *+36 NEXT	,0 ,11 ,*+16 COW ,1 ,SARGSW ,1 ,ADCOW ,6 ,*+16 2 ,1101 ,*+16 0011 ,5 ,1 ,*+16 ,104 NE ,5 ,0	,11 ,10 ,10 ,8 ,10 ,10 ,8		PAGE 54
LOCTN 11706 11711 11716 11718 11730 11738 11750 11766 11777 11776 11776 11778 11790 11802 11814 11828 11854 11859 11864 11878 11892 11918 11928 11918 11928 11918 11928 11938 11938 11938 11942 11958 11958 11958 11958 11958 11958 11958 11958 11958 11958 11958	15 49 16 17 15 43 15 26 12 17 16 26 11 17 11 11 17 14 47 49 11 17	P/L 00005 00005 13632 10974 07343 06898 00005 00005 07342 03831 03831 06898 00005	Q 89335 93836 13648 00000 00041 11766 69333 13637 00001 13632 00001 13632 00006 41854 69335 63831 13646 63831 13646 63831 13646 63831 13646 63831 13646 63831 13046 63831 13046 63831 13046 63831 13046 63831 13046 63831 63846 63831 63847 63855 60005 60006	PG/LN 28180 28190 28200 28220 28230 28220 28220 28250 28260 28270 28280 28290 28300 28310 28320 28330 28340 28350 28340 28340 28340 28340 28340 28440 28440 28440 28450 28440	FCT1L *******	DSA TDM BTFM BD SA TDM BD SM TDM BD SM TDM BD SM TTFM BD SA AMM BD SA AMM BD SC BB T BB	AM,N40012,FOUF SARGSW FCT1H SS2 PUTX TF,N40011,SUBG SS1 PCT1K SS1 N40011 N40011 N40011 PUTX AM,N40011,ONE2 SS4 N40012 PUTX BNR,N40012,N4G RV 1 RMNS 1,SR SR FCT1L FCT1B ND OF JOB ROUT: ADCOW BAL **436 NEXT PREBUF EGUJG	,0 ,11 ,**16 COW ,1 ,SARGSW ,1 ,ADCOW ,6 ,**+16 2 ,1101 ,*+16 0011 ,5 ,1 ,*+16 ,104	,110 ,100 ,100 ,100 ,100 ,100 ,100 ,100		PAGE 54
LUCTN 11706 11711 11716 11718 11718 11719 11718 11750 11768 11771 11776 11776 11828 11854 11854 11859 11864 11878 11890 11902 11918 11923 11928 11939 11942 11950 11975 11976 11988 12000 12002 12032 12044 12056	OP 15 49 16 17 15 43 15 26 11 17 16 26 11 17 14 47 49 12 14 47 11 25 14 46 11 26	P/L 00005 00005 13632 10974 07343 06898 00005 00005 07342 07342 07342 07342 07342 073831 06898 00005 00005 00005 00005 00005 00005 00005 011432 08322 08322 08322 08631 12148 08631	Q 09335 03836 13648 00000 00041 11766 09333 03831 13637 00001 13632 00006 11854 09335 00006 11854 09335 00006 11854 09335 00006 11970 09505 0001 11970 09505 00001 11970 09485 02372 00104 01200 00005 000001 08290 08551 01200 00007	PG/LN 28180 28190 28200 28220 28230 28250 28250 28270 28280 28270 28320 28320 28330 28340 28350 28340 28340 28340 28350 28340 28340 28340 28340 28340 28340 28340 28340 28340	FCT1L *******	DS A TDS TBT MA TBT M M M M M M M M M M M M M M M M M M	AM,N40012,FOUF SARGSW FCT1H SS2 PUTX TF,N40011,SUBG SS1 HCT1K SS1 N40011 N40011 PUTX AM,N40011,ONE2 SS4 N40012 PUTX BNR,N40012,N4G RV I RW I RWNS I,SR SR FCT1L FCT1LB	,0 ,11 ,**+16 COW ,1 ,SARGSW ,1 ,ADCDW ,6 ,6 ,*+16 2 ,1101 ,LV ,13 ,*+16 0011 ,5 ,1 ,*+16 ,0 ,1 ,104 ,104 ,104 ,104 ,104 ,104 ,10	,11 ,10 ,10 ,10 ,10 ,10 ,10 ,10 ,10 ,10		PAGE 54
LUCTN 11706 11711 11716 11718 11730 11738 11750 11766 11771 11776 11776 11802 11814 11826 11814 11828 11854 11854 11854 11859 11864 11878 11892 11918 11923 11928 11930 11942 11954 11970 11976 11988 12000 12002 12034 12068 12068 12068	15 49 16 17 15 26 11 17 16 26 11 17 11 11 17 14 47 49 12 14 46 11 16 11 16	P/L 00005 00005 00005 13632 10974 07343 06889 00005 00005 00005 00005 00005 00005 00005 00005 00005 00005 00005 00005 00005 01432 08322 08322 08322 08322 08322	Q 09335 03836 13648 00000 00001 11766 09333 13637 00001 13632 00001 13632 00006 11854 09335 00006 11854 09335 00001 13632 00001 13632 00001 13632 00001 13632 00001 13632 00001 13632 00001 13632 00001 13632 00001 13632 00001 13632 00001 13632 00001 13632 00001 13632 00001 13632 00001 13632 00001 13632 00001 13632 00001	PG/LN 28180 28190 28200 28220 28230 28250 28250 28270 28280 28300 28310 28320 28330 28330 28340 28330 28340 28340 28340 28350 28440 28450 28440 28450 28440 28450 28450 28450 28450 28450 28450 28450 28450 28450 28450 28450	FCT1L *******	DS A TD T T T T T T T T T T T T T T T T T T	AM,N40012,FOUF SARGSW FCT1H SS2 PUTX TF,N40011,SUBG SS1 FCT1K SS1 N40011 N40011 PUTX AM,N40011,ONE2 SS4 N40012 PUTX BNR,N40012,N4G RV I RMNS I,SR SR FCT1L FCT	,0 ,11 ,*+16 COW ,1 ,SARGSW ,1 ,ADCOW ,6 ,*+16 ,*+16 ,1101 ,LV ,13 ,*+16 0011 ,*+16 ,104	,110 ,100 ,100 ,100 ,100 ,100 ,100 ,100		PAGE 54
LUCTN 11706 11711 11716 11718 11730 11738 11750 11766 11778 11770 11814 11826 11838 11854 11859 11864 11878 11890 11814 11821 11878 11890 11902 11918 11923 11928 11930 11942 11919 11930 11942 11975 11976 11988 12000 12008 12018	15 49 16 17 15 26 12 17 11 11 17 14 47 47 11 25 14 46 11 26 11 16 49 26	P/L 00005 00005 13632 10974 07343 068498 00005 00005 07342 03831 06898 00005	Q 09335 03836 13648 00000 00041 11766 09333 0033 13632 00001 13632 00001 06843 00006 11854 09335 00006 11854 09335 00001 13646 01101 09505 00013 11918 12644 01200 00065 00001 01100 00065 000001 01100 000000 011000 000000 000000	PG/LN 28180 28190 28200 28220 28230 28240 28250 28270 28280 28270 28300 28320 28330 28340 28350 28340 28350 28340 28350 28440 28450 28440 28450 28440 28450 28450 28450 28450 28450 28450 28450 28450 28450 28450 28450 28450 28450 28450	FCT1L *******	DS A TD M TFT M TD D M TT F M TD D M TD	AM,N40012,FOUF SARGSW FCT1H SS2 PUTX TF,N40011,SUBG SS1 N40011 N40011 PUTX AM,N40011,ONE2 SS4 N40012 PUTX BNR,N40012,N4G RV I RMNS I,SR SR FCT1L FCT1L FCT1L FCT1L FCT1L FCT1L FCT1L PUTX ADCOM BAL *+36 NEXT NEXT NEXT NEXT NEXT NEXT EGUJG PREBUF EGUGG PREBUF NEXT NEXT NEXT EGUJG CLLBLK	,0 ,11 ,**+16 COW ,1 ,SARGSW ,1 ,ADCOW ,6 ,*+16 2 ,1101 ,LV ,13 ,*+16 0011 ,5 ,1 ,**+16 ,0011	,110 ,100 ,100 ,100 ,100 ,100 ,100 ,66		PAGE 54
LOCTN 11706 11711 11716 11718 11730 11738 11750 11766 11778 11770 11870 11871 11776 11878 11890 11902 11918 11928 11930 11942 11954 11976 11977 11976 11976 11978 11976 11976 11988 11928 11920 11921 11942 11954 11976 11976 11976 11976 11976 11976 11988 11920 11921	15 49 16 17 15 43 12 12 17 16 16 11 17 11 11 17 11 11 17 14 47 49 12 14 44 11 12 16 11 16 16 17 17 18 18 18 18 18 18 18 18 18 18 18 18 18	P/L 00005 00005 13632 10974 07343 068898 00005 00005 00005 07342 03831 06498 00005 00005 00005 00005 00005 00005 00005 00005 011430 06843 08322 08322 08322 08322	0 09335 03836 13648 00000 00001 11766 09333 13637 00001 13632 00001 13632 00006 11854 09335 00006 11854 09335 00001 13632 00006 11854 09335 00001 13632 00001 13632 00001 13632 00001 13632 00001 13632 00001 13632 00001 13632 00001 13632 00001 13632 00001 13632 00001 13632 00001 13632 00001 13632 00001 13632 00001 13632 00001 00001 00001 00001 00001 00001 00001 00001 00001 00001 00001 00001 00001 00001 00001 00001 00001 00001 00001 000001 000001 000001 000001 000001 000001 000001 000001 000001 000001 000001 000001 000001 000001 000001 000000 000000 000000 000000 000000	PG/LN 28180 28190 28200 28220 28230 28240 28250 28270 28280 28270 28300 28310 28320 28330 28340 28350 28340 28350 28360 28370 28340 28350 284400 28450 28440 28450 28450 28450 28450 28450 28450 28550 28550 28550 28550	FCT1L ****** EOJP	DS A TO STATE THE STATE	AM,N40012,FOUF SARGSW FCT1H SS2 PUTX TF,N40011,SUBG SS1 FCT1K SS1 N40011 PUTX AM,N40011,ONE2 WAM,N40012 PUTX BNR,N40012 PUTX BNR,N40012,N4G RV I RMNS I,SR SR FCT1L FCT1B FCT1L FCT1B FCT1B FCT1B FCT1B FCT1B FCT1CTB FCT1	,0 ,11 ,*+16 COW ,1 ,SARGSW ,1 ,ADCOW ,6 ,*+16 ,2 ,1101 ,LV ,13 ,*+16 0011 ,5 ,1 ,*+16 ,0 ,1 ,*+16 ,0 ,1 ,0 ,0 ,0 ,1 ,0 ,0 ,0 ,0 ,0 ,0 ,0 ,0 ,0 ,0 ,0 ,0 ,0	,11 ,10 ,10 ,10 ,10 ,10 ,10 ,10 ,10 ,10		PAGE 54
LOCTN 11706 11711 11716 11718 11718 11718 11718 11778 11776 11777 11776 11778 11779 11802 11814 11826 11878 11890 11902 11918 11928 11930 11942 11954 11975 11975 11975 11975 11975 11975 11976 11988 12000 12008 12008 12008 12022 12044 12166 12088 12080 12012 12116 12128 12148 12148	15 49 16 17 15 43 126 12 17 16 26 11 17 11 11 17 11 11 17 14 47 49 12 14 44 11 12 16 11 16 16 17 17 18 18 18 18 18 18 18 18 18 18 18 18 18	P/L 00005 00005 13632 10974 07343 00005 00005 00005 07342 11444 07343 00005	Q 09335 03836 13648 00000 00041 11766 09333 13637 00001 13632 00001 13632 00001 13632 00006 11854 09335 63831 13646 01101 09505 00013 11918 13644 03836 03831 00005 00011 11970 00005 00011 11970 00005 00001 01100 00001 01200 00007 0000	PG/LN 28180 28190 28200 28220 28230 28220 28230 28240 28250 28260 28370 28380 28340 28350 28340 28340 28350 28340 28350 28340 28440 28450 28450 28450 28450 28450 28450 28450 28550 28560 28560 28580 28580	FCT1L ****** EOJP	DS A DM TBT BT	AM,N40012,FOUF SARGSW FCT1H SSS2 PUTX TF,N40011,SUBG SS1 PCT1K SS1 N40011 PUTX AM,N40011,ONE2 SS4 N40012 PUTX BNR,N40012,N4G RV I RMNS I,SR SR FCT1L FCT1B BND OF JOB ROUT! ADCOM BAL **36 NEXT PREBUF EOJJ CLUBLK LNG RV EOJJ CLUBLK LNG BUF4+75 IORT IOPT	,0 ,11 ,**16 COW ,1 ,SARGSW ,1 ,ADCOW ,6 ,**+16 2 ,1101 ,tV ,13 00011 ,5 ,1 ,**+16 ,104 ,104 ,104 ,104 ,104 ,104 ,104 ,104	,110 ,100 ,100 ,100 ,100 ,100 ,100 ,600 ,100 ,67 ,100 ,77		PAGE 54
LOCTN 11706 11711 11716 11718 11718 11730 11736 11778 11779 11776 11778 11779 11804 11829 11814 11829 11814 11829 11814 11829 11814 11829 11814 11829 11821 11928 11918 11928 11918 11928 11932 11942 11954 11975 11975 11975 11975 11975 11975 11975 11975 11975 11975 11975 11975 11975 11975 11975 11975 11975 11975 11975 11976 11988 12000	15 49 16 17 15 43 126 12 17 16 26 11 17 11 11 11 17 14 47 49 11 44 47 11 12 14 46 11 11 11 11 11 11 11 11 11 11 11 11 11	P/L 00005 00005 13632 10974 07343 00005 00005 00005 07342 11444 07342 01444 07342 0005 00005	Q 09335 03836 13648 00000 00001 11766 09333 13637 00001 13632 00001 13632 00001 13632 00001 13632 00001 13632 00001 13632 00001 13632 00001 13632 00001 13632 00001 13632 00001 13632 00001 13632 00001 00001 00001 00001 00001 00001 00001 00001 00001 000001 000001 000001 000001 000001 00001 00001 00001 00001 00001 00001	PG/LN 28180 28190 28200 28220 28230 28220 28220 28220 28220 28230 28240 28250 28260 28320 28320 28330 28340 28350 28340 28340 28340 28340 28440 28450 28440 28450 28460 28450 28460 28560 28560 28560 28560 28560 28560 28560 286600 28610	FCT1L ****** EOJP	DS A TOTOLOGY TO THE STATE OF T	AM,N40012,FOUF SARGSW FCT1H SS2 PUTX TF,N40011,SUBG SS1 FCT1K SS1 N40011 N40011 PUTX AM,N40011,ONE2 SS4 N40012 PUTX BNR,N40012,N4G RV I RMNS I,SR SR FCT1L FCT1B ND OF JOB ROUT: ADCOW BAL **436 NEXT NEXT NEXT NEXT NEXT NEXT NEXT NEXT	,0 ,11 ,**+16 COW ,1 ,SARGSW ,1 ,ADCOW ,6 ,**+16 2 ,1101 ,**+16 0011 ,5 ,1 ,**+16 ,104 ,104 ,104 ,104 ,104 ,104 ,104 ,104	,110 ,100 ,100 ,100 ,100 ,100 ,607 ,100 ,67		PAGE 54
LUCTN 11706 11711 11716 11718 11730 11738 11750 11768 11771 11776 11776 11776 11802 11814 11828 11854 11854 11859 11864 11878 11892 11918 11923 11928 11942 11956 11970 11975 11988 12000 12002 12032 12044 12056 12068 12080 12092 12104 12118	15 49 16 17 15 26 11 17 16 26 11 17 11 11 17 14 49 16 16 11 16 49 16 16 16 16 16 49 11	P/L 00005 00005 13632 10974 07343 06849 00005 00005 00005 07342 07342 07342 07343 06898 00005 00005 00005 00005 00005 00005 0104 00005 00005 00005 01432 08322 08322 08322 08322 08322 08322 08322	Q 09335 03836 13648 00000 00041 11766 09333 08331 13632 00006 13632 00006 13634 00006 13634 00006 13634 00006 13634 00006 13634 00006 13634 00006 000000	PG/LN 28180 28190 28200 28220 28230 28250 28250 28270 28280 28300 28310 28320 283300 28370 28340 28330 28340 28340 28350 284400 28450 28550 28570 28580 28590 28590 28590	FCT1L ****** EOJP	DS A TOTAL T	AM,N40012,FOUF SARGSW FCT1H SS2 PUTX TF,N40011,SUBG SS1 FCT1K SS1 N40011 N40011 PUTX AM,N40011,ONE2 SS4 N40012 PUTX BNR,N40012 PUTX SS4 N40012 PUTX BNR,N40012 BAL **36 PCT1L FCT1B PCT1B PCT1B ROUT: ADCOW BAL **36 NEXT NEXT NEXT NEXT NEXT NEXT NEXT NEXT	,0 ,11 ,**16 COW ,1 ,SARGSW ,1 ,ADCDW ,6 ,**+16 ,2 ,**+16 ,1101 ,LV ,13 ,**+16 00011 ,5 ,1 ,**+16 ,104 INE ,5 ,0 ,0 ,0 ,0 ,0 ,0 ,0 ,0 ,0 ,0 ,0 ,0 ,0	,110 ,100 ,100 ,100 ,100 ,100 ,100 ,600 ,100 ,67 ,100 ,77		PAGE 54

****		SECOND	PASS FORTRAN	11					NOVEMBER, 1966	PAGE 55	
LOCTN	0P	P/L	Q	PG/LN	LABEL	MNEM	OPERANDS AND RE	EMARKS			
12268 12280	49 11	00566	13609 00003	28660 28670		B AM	IOGT CLLBLK	CALBLK	,7 ,10		
12292	11 21	08631 0863±	000 0 4 06843	28680 28690	EOJWG	AM A	PREBUF	,4 ,ADCOW	,10 ,10 ,6		
12316 12328	11 26	08631 09578	000 0 3 0863 1	28700 28710		AM TF	PREBUF	,3 ,PREBUF	,10 ,11		
12340 12352	11	08631 08631	000 6 8 0 8626	28720 28730		AM CM	PREBUF	,68 ,BUF4+75	,10		
12364 12376	46 14	12172 09578	01200 000 6 7	28740 28750	EOJW	BE CM	EOJG+24	,67	,10	•	
12388 12400	46 11	12292 08631	01200 000 7 4	28760 28770		BE AM	EOJWG PREBUF	,74	,10		
12412 12424	26 16	0863 1 00565	13488 1 2447	28780 28790		TF TFM	PREBUF IORT	,SIX9Z ,*+23	,6		
12436 12448	49 44	00532 12526	0 8268 02228	28800 28810		B BNF	IDPT EDJEND-12,LIST	,PUTXX	,7 TOTAL LISTING		
12460 12472	43 16	12526 00565	02229 1 2495	28820 28830		BD TFM	EOJEND-12, PRST IORT, *+23	, ,	OMIT NMBRD STMNT IF ALL S	STMNT MAP	
12484 12496	49 49	00566 14310	1 2503	28840 28850		В В 7	IOGT, BLKH, 7 PBLOK1				
12503 12509		00002	1 2511	28860 28870	ВЦКН	DSC	BLKHA				
12510		00001		28880	BLKHA	DC DSC	1,0				
12516 12519 12525		00005 00003 00006		28900		DC DC	5,17351 3,007				
12526 12538	43 11	13022	02294 000 0 1	28920 28930 28940	EOJEND	DC BD		, PUSTSN	, 10		
12550 12562	26 31	02248	06843 13560	28950 28960	COJ END	TF TR	LENGTH	,1 ,ADCOW ,GRBAGE	, 10		
12574 12586	26 13	09611 02262	02262 000 0 5	28970 28980		T F MM	SCNT	,LOCOM	,10	•	
12598 12610	43 49	12618 12630	00099	28990 29000		BD B7		,99			
12618 12630	12 16	02262 02230	000 0 1 9 8789	29010 29020		SM TFM	LOCOM 2230,98789,,	,1 RESTORE	,10 CONTROL RECORD SWITCH AREA		
12642 12654	16 16	02222 00565	0 010 0 1 2677	29030 29040		T F M T F M		, *+23			
12666 12678	25	00532 12699	13586 02367	29050 29060		B TD	*+21,JAY	, SECTO	,7		
12690 12702	14 46	12699	0 0 0 0 4 01200	29070 29080		CM BE	*+9,4,810 ARNDT				
12714	43 33	12962	09601 00000	29090 29100		BD CF	ARNOT, ERSWT				
12738 12750 12762	25 33 33	00475 06839	02367	29110	LH1	TD CF	SYSCAL, JAY ADCOW-4				
12774	34 16	09607 00000 00565	00000 00952 1 2809	29130 29140 29150		CF K TFM	SCNT-4 ,952 IORT,*+23				
12798 12810	49 16	00532 00565	12981 12833	29160 29170		B TFM	IOPT, ADCW1-4,7 IORT, *+23				
12822	49 16	00532	12989 12857	29180 29190		B TFM	IOPT, USDCR1-4, T	7	•		
12846 12858	49 16	00532 00565	12997 12881	29200 29210		B TFM	INPT,SCNT2-4,7 IORT,*+23				
12870	49	00532	±3005	29220		В	IOPT, LCMAD1-4,	7		/46	
***** LOCTN	OP	SECOND P/L	PASS FORTRAN	II PG/LN	ŁA8FL	MNEM	OPERANDS AND RE	EMARKS	NUVFMBER, 1966	PAGE 56	
LOCTN 12882 12894	16 49	P/L 00565 00532	Q 1 2905 1 3013	PG/LN 29230 29240	LABEL	TFM B	IORT,*+23 IOPT,ENDM1-4,7	EMARKS	NUVFMBER, 1966	PAGE 56	
LOCTN 12882 12894 12906 12918	16 49 32 32	P/L 00565 00532 06839 09607	0 ±2905 ±3013 00000 00000	PG/LN 29230 29240 29250 29260	LABEL	TFM B SF SF	IORT,*+23 IOPT,ENDM1-4,7 ADCOW-4 SCNT-4	EMARKS	NUVFMBER, 1966	PAGE 56	
LOCTN 12882 12894 12906 12918 12930 12942	16 49 32 32 46 34	P/L 00565 00532 06839 09607 12942 00000	0 ±2905 ±3013 00000	PG/LN 29230 29240 29250 29260 29270 29280	LABEL	TFM B SF SF BV 34	IORT,*+23 IOPT,ENDM1-4,7 ADCOW-4 SCNT-4 *+12 ,0971,,SKIPTO		NUVFMBER, 1966	PAGE 56	
LOCTN 12882 12894 12906 12918 12930 12942 12954 12962	16 49 32 32 46 34 49 15	P/L 00565 00532 06839 09607 12942 00000 00796 00475	0 ±2905 ±3013 00000 00000 01400	PG/LN 29230 29240 29250 29260 29270 29280 29290 29300	LABEL .	TFM B SF SF BV 34 B7 TDM	IORT,*+23 IOPT,ENDM1-4,7 ADCOM-4 SCNT-4 *+12 ,0971,,SKIPTO : MONCAL SYSCAL,2		NUVFMBER, 1966	PAGE 56	
LOCTN 12882 12894 12906 12918 12930 12942 12954 12962 12974 12985	16 49 32 32 46 34 49	P/L 00565 00532 06839 09607 12942 00000 00775 12750 00005	0 ±2905 ±3013 00000 00000 01400 00971	PG/LN 29230 29240 29250 29260 29270 29280 29290 29300 29310 29320		TFM B SF SF BV 34 B7 TDM B7 DSA	IORT,**23 IOPT,ENDM1-4,7 ADCOW-4 SCNT-4 *+12 ,0971,,SKIPTO : MONCAL SYSCAL,2 LH1 ADCOW-4		NUVFM8ER, 1966	PAGE 56	
12882 12894 12906 12918 12930 12942 12962 12974 12985 12985 12983 12996	16 49 32 32 46 34 49 15	P/L 00565 00532 06839 09607 12942 00000 00796 00475 12750 00005 00005 00003	0 12905 13013 00000 00000 01400 00971 00002 06839 13343	PG/LN 29230 29240 29250 29260 29270 29280 29290 29300 29310	ARNDT	TFM B SF SF 8V 34 B7 TDM 67 DSA DC	IORT, **+23 IOPT, ENDM1-4, 7 ADCOW-4 SCNT-4 *+12 ,0971,, SKIPTO : MONCAL SYSCAL, 2 LH1 ADCOW-4 3,220 USEDCR		NUVFMBER, 1966	PAGE 56	
12882 12894 12908 12918 12930 12942 12954 12964 12974 12985 12998 12999 13001	16 49 32 32 46 34 49 15	P/L 00565 00532 06839 09607 12942 00000 00796 00475 12750 00005 00003 00005 00003	0 12905 13013 00000 00000 01400 00971 00002 066839 13343 09607	PG/LN 29230 29240 29250 29260 29270 29280 29290 29310 29320 29330 29340 29350 29370	ARNDT ADCW1 USDCR1 SCNT2	TFM B SF SF 8V 387 TDM 67 DSA DC DSA DC DSA	IORT,*+23 IOPT,ENDM1-4,7 ADCOW-4 SCNT-4 *+12 ,0971,,SKIPTO: MONCAL SYSCAL,2 LH1 ADCOW-4 3,22a USEDCR 3,18a SCNT-4 3,22a		NUVFMBER, 1966	PAGE 56	
12882 12894 12908 12918 12930 12942 12954 12962 12974 12988 12988 12993 13004 13004 13004 13002	16 49 32 32 46 34 49 15	P/L 00565 00532 06839 09607 12942 00000 00475 12750 00003 00005 00003 00005 00003 00005	0 12905 13013 00000 00000 01400 00971 00002 06839 13343 09607 13377	PG/LN 29230 29240 29250 29270 29280 29270 29380 29310 29340 29350 29360 29370 29380 29380 29380	ARNDT ADCW1 USDCR1 SCNT2 LCMAD1	TFM B SF SF SV 34 B7 TDM 67 DSA DC DSA DC DSA DC DSA DC	IORT, **+23 IOPT, ENDM1-4,7 ADCOW-4 SCNT-4 *+12,0971,,SKIPTO: MONCAL SYSCAL,2 LH1 ADCOW-4 3,22a USEDCR 3,18a SCNT-4 3,22a LCOMAD 3,18a		NUVFM8ER, 1966	PAGE 56	
LOCTN 12882 12894 12918 12930 12942 12962 12975 12988 12996 13001 13009 13012 13012	16 49 32 46 34 49 15 49	P/L 00565 00532 06839 09607 12942 00000 00796 00475 12750 00003 00005 00003 00005 00003 00005	0 12905 13013 00000 00000 01400 00971 00002 06839 13343 09607 13377 13651	PG/LN 29230 29240 29250 29260 29270 29280 29310 29310 29330 29340 29350 29360 29370 29380 29390 29390 29410	ARNDT ADCW1 USDCR1 SCNT2 LCMAD1 FNDM1	TFM B SF BV 34 B7 TDM DC DSA DC DSA DC DSA DC DSA DC DSA DC DSA	IORT, **+23 IOPT, ENDM1-4,7 ADCCW-4 **12 ,0971,, SKIPTO: MONCAL SYSCAL,2 LH1 ADCOW-4 3,22a USEDCR 3,18a SCNT-4 3,22a LCOMAD 3,18a ENDMES 3,18a ENDMES	1	NUVFMBER, 1966	PAGE 56	
LOCTN 12882 12894 12906 12918 12942 12954 12964 12968 12988 12998 12998 13001 13009 13012 13017 13020 13024	16 49 32 32 46 49 15 49 25 14	P/L 00565 00532 06839 09607 12942 00000 00796 00005 00005 00003 00005 00003 00005 00003 00005 00003 13043 13043	0 12905 13013 00000 00000 01400 00971 00002 06839 13343 09607 13377 13651 02294 00002	PG/LN 29230 29240 29250 29260 29270 29280 29310 29330 29340 29350 29360 29370 29380 29390 29410 29420	ARNDT ADCW1 USDCR1 SCNT2 LCMAD1	TFM B SF BV 34 TDM 67 DCSA DCSA DCSA DCSA DCSA DCSA DCSA DCSA	IORT, **+23 IOPT, ENDM1-4,7 ADCOW-4 **+12 ,0971,, SKIPTO: MONCAL SYSCAL,2 LH1 ADCOW-4 3,22a USEDCR 3,18a SCNT-4 3,22a LCOMAD 3,18a ENDMES 3,18a **+21 **+9		MUVFMBER, 1966	PAGE 56	
LOCTN 12882 12894 12906 12918 12930 12942 12954 12968 12988 12996 130001 13001 13001 13017 13020 13017 13020 13034 130058	16 49 32 32 46 34 49 15 49	P/L 00565 00532 06839 09607 12942 00000 00796 00475 12750 00005 00003 00005 00003 00005 00003 13043	0 ±2905 ±3013 00000 00000 01400 00971 00002 06839 ±3343 09607 ±3377 ±3651 02294	PG/LN 29230 29240 29250 29250 29270 29280 29320 29330 29340 29350 29370 29380 29370 29380 29340 29370 29380 29480 29480 29480 29480 29480 29480 29480 29480 29440	ARNDT ADCW1 USDCR1 SCNT2 LCMAD1 FNDM1	TFM BSF BV 347 TDM 677 DCC DCC DCC DCC DCC DCC DCC DCC DCC D	IORT, **+23 IOPT, ENDM1-4, 7 ADCOW-4 **+12 ,0971,, SKIPTO MONCAL LH1 ADCOW-4 3,22a USEDCR 3,18a SCNT-4 3,22a LCOMAD 3,18a ENDMES 4,18a ENDMES 5,18a ENDMES 5,18a ENDMES 6,18a ENDMES 6,18a ENDMES 6,18a ENDMES 6,18a ENDMES 6,18a ENDMES 6,18a ENDMES 6,18a ENDMES 6,18a ENDMES 6,18a ENDMES 6,18a ENDMES 6,18a ENDMES 6,18a ENDMES 6,18a ENDMES 6,18a ENDMES 6,18a ENDMES 6,18a ENDMES 6,18a ENDMES 8,18a	1		PAGE 56	
LOCTN 12882 12894 12906 12918 12930 12954 12962 12974 12988 12996 13001 13004 13009 13012 13004 13005 13	16 49 32 32 46 34 49 15 49 25 47 16	P/L 00565 00532 06839 09607 12942 00000 00796 00005 00003 00005 00003 00005 00003 13043 13043 13043 131312	0 12905 13013 00000 00000 01400 00971 00002 06839 13343 09607 13377 13651 02294 00002	PG/LN 29230 29240 29250 29260 29270 29280 29300 29310 29330 29350 29350 29370 29380 29360 29410 29420 29440	ARNDT ADCW1 USDCR1 SCNT2 LCMAD1 FNDM1	T FM S F S F S F S F S F S F S F S F S F	IORT, **+23 IOPT, ENDM1-4, 7 ADCOW-4 **+12 .0971, , SKIPTO : MONCAL SYSCAL, 2 LH1 ADCOW-4 3,220 USEDCR 3,180 SCNT-4 9,220 LCOMAD 3,180 ENDMES 3,180 **+21 **+21 **+9 EOTONY TSW EOPETE TSW	1 PUSTSN 2 • 1	,810	PAGE 56	
LOCTN 12882 12894 12906 12918 12942 12954 12954 12962 12985 12985 12983 12996 13001 13002 13017 13017 13022 13017 13024 13046 13058	16 49 32 346 349 15 49 25 14 47 16	P/L 00565 00532 06839 09607 12942 00000 00796 00475 12750 00005 00003 00005 00003 00005 00003 13043 13043 13043 13043	0 ±2905 ±3013 00000 00000 01400 00971 00002 06639 ±3343 09607 ±3377 ±3651 02294 00002 01200 00001	PG/LN 29230 29240 29250 29260 29270 29280 29320 29330 29340 29350 29360 29370 29380 29340 29370 29380 29340 29370 29440 29450 29460 29460	ARNDT ADCW1 USDCR1 SCNT2 LCMAD1 FNDM1 EOJSTN	TFM B SF SF BV 87 TDN DC DSA DC DSA DC DSA DC DSA DC DSA DC DSA TTDM TTM B7 TR	IORT, **+23 IOPT, ENDM1-4, 7 ADCOW-4 **+12 **+12 **+0971, **, ** ** ** ** ** ** ** ** ** ** ** *	PUSTSN 2 10 SVTYNB	,810 ,10 ,10	PAGE 56	
LOCTN 12882 12894 12906 12918 12952 12954 12962 12975 12988 12998 12996 13001 13004 13009 13022 13017 13020 13022 13034 13046 13058 13070 13078	16 49 32 46 34 49 149 25 447 16 49 16 11	P/L 00565 00532 06839 09607 12942 00000 00796 00005 00003 00005 00003 00005 00003 13043 13043 13102 13413	0 ±2905 ±3013 00000 00000 01400 00971 00002 #6839 ±3343 #9607 ±3377 ±3651 02294 0#002 01200 000#1 000±0 13489 000#5	PG/LN 29230 29240 29250 29260 29270 29280 29320 29330 29350 29350 29370 29380 29370 29420 29440 29450 29440 29450 29470 29460	ARNDT ADCW1 USDCR1 SCNT2 LCMAD1 FNDM1 EOJSTN	TFM B SF SF SF V34 B7 DSA DC DSA DC DSA DC DSA DC DSA DC DC DSA DC DSA TD TD TD TD TD TD TA TA TA TA TA	IORT, **+23 IOPT, ENDM1-4, 7 ADCCW-4 **12 .0971,, SKIPTO: MONCAL SYSCAL, 2 LH1 ADCOW-4 3,223 USEDCR 3,183 SCNT-4 3,223 LCOMAD 3,183 ENDMES 3,183 **21 **9 EOTONY TSW EOPETE TSW INPUT+10 FCTEND ECTEND	PUSTSN ,2 ,1 ,1 ,SVTYNB ,5 ,FCTEND	,810 ,10 ,10 ,10 ,10	PAGE 56	
LOCTN 12882 12894 12906 12918 12930 12954 12962 12974 12985 129762 129762 129762 13009 13001 13009 13012 13034 13058 13078	16 49 32 46 49 15 49 5 5 14 7 16 9 16 16 16 16 16 16 16 16 16 16 16 16 16	P/L 00565 00532 06839 09607 12942 00000 00796 00005 00003 00005 00003 00005 00003 13043 13043 13043 13102 13413 13102 13413 13102 13413	0 ±2905 ±3013 00000 00000 01400 00971 00002 #66839 ±3343 #9607 ±3377 ±3651 02294 00002 01200 00001 000±0 13489 00005 02318 00000 00000 00000	PG/LN 29230 29240 29250 29260 29270 29280 29390 29390 29340 29350 29360 29370 29450 29450 29450 29450 29450 29550 29550	ARNDT ADCW1 USDCR1 SCNT2 LCMAD1 FNDM1 EOJSTN	TFM B SF	IORT, **+23 IOPT, ENDM1-4, 7 ADCOW-4 **+12 ,0971,, SKIPTO MONCAL LH1 ADCOW-4 3,22a USEDCR 3,18a SCNT-4 3,22a LCOMAD 3,18a ENDMES 3,18a *+21 *+9 EOTONY TSW EOPETE TSW INPUT+10 FCTEND EOROD FCTEND INPUT+3 INPUT+3 INPUT+3 INPUT+1	PUSTSN 2 2 11 10 SVTYNB 5 FCTEND	,810 ,10 ,10	PAGE 56	
LOCTN 12882 12894 12906 12918 12930 12942 12954 12962 12978 12985 12985 12985 12981 13004 13007 13002 13017 13020 13022 13014 13078 13078 13078 13078 13102 131126 13138 13138 13181	169 322 434 49 159 254 47 169 163 111 44 156 33 156 33	P/L 00565 00532 06839 09607 12942 00000 00796 00005 00003 00005 00003 13043 13043 13102 13413 13102 13413 13102 02318 09619 09616 09625 09621	0 12905 13013 00000 00000 01400 00971 00002 06839 13343 09607 13377 13651 02294 000062 01200 00001 00010 00010 00010 00010 00000 00000 00000 00000 00000	PG/LN 29230 29240 29250 29260 29270 29280 29320 29330 29350 29370 29380 29370 29380 29370 29380 29410 29480 29490 29490 29490 29490 29490 29490 29490 29490 29490 29490 29490 29490 29490 29490 29490 29490 29490 29490 29550 29560	ARNDT ADCW1 USDCR1 SCNT2 LCMAD1 FNDM1 EOJSTN	TFM B SF B Y B T DT D C A D C C A D C C A D C C B D C D C C C B D C D C C C B D C D C C C C B D C D C C C C C C C D C C C C C C C C C	IORT, **+23 IOPT, ENDM1-4, 7 ADCOW-4 **12 **12 **197 *	PUSTSN ,2 ,1 ,1 ,SVTYNB ,5 ,FCTEND	,810 ,10 ,10 ,10 ,10	PAGE 56	
LOCTN 12882 12894 12906 12918 12929 12954 12962 12974 12985 12985 12983 12996 13004 13004 13004 13007 13022 13017 13020 13121 13046 13138 13070 13162 13118 13186 13186 13186	16 49 32 46 49 15 49 25 14 47 16 49 13 11 44 51 26 33 26 33 26 33 26 36 36 36 36 36 36 36 36 36 36 36 36 36	P/L 00565 00532 06839 09607 12942 00000 00796 12750 00005 00003 00005 00003 00005 00003 13043 13078 13413 09626 02318 13290 02318 09625 09621 13310 09626	0 12905 13013 00000 00000 01400 00971 00002 066839 13343 09607 13377 13651 02294 06002 01200 00001 00010 13489 00005 02318 00000 00004 02318 00000 00004 02318	PG/LN 29230 29240 29250 29260 29270 29280 29320 29330 29330 29350 29370 29380 29370 29380 29370 29440 29450 29470 29450 29450 29450 29500 29510 29500 29500 29500 29500 29500 29500 29500 29500 29500	ARNDT ADCW1 USDCR1 SCNT2 LCMAD1 FNDM1 EOJSTN	TEM SE SE BY 4 BT DT A B DT DT A M NEM B DT DT C DD DT	IORT, **+23 IOPT, ENDM1-4, 7 ADCOW-4 **12 ,0971,, SKIPTO : MONCAL SYSCAL, 2 LH1 ADCOW-4 3,22a USEDCR 3,18a SCNT-4 3,22a LCOMAD 3,18a ENDMES 3,18a **+21 **+9 EOTONY TSW EOPETE TSW INPUT+10 FCTEND INPUT+9 INPUT+9 INPUT+5 CDPCH INPUT+10	PUSTSN 2 11 10 SVTYNB 5 FCTEND 8 FCTEND	,810 ,10 ,10 ,10 ,10 ,11	PAGE 56	
LOCTN 128894 12996 12918 12929 12941 12962 12974 12985 12983 12996 13001 13002 13002 13002 13002 13002 13003 13004 13004 13004 13007 13007 13007 13008	169 324 346 349 459 214 476 161 111 445 235 233 45 38 38	P/L 00565 00532 06839 09607 12942 00000 00796 00005 00003 00005 00003 00005 00003 13043 13043 13078 13413 09626 02318 13996 02318 09619 09616 02318 09625 09621 13310 09626 00001	0 12905 13013 00000 00000 01400 00971 00002 066839 13343 09607 13377 13651 02294 06002 01200 00001 00040 13489 00005 02318 00000 00004 02318 00000 00001	PG/LN 29230 29240 29250 29270 29280 29270 29320 29320 29330 29330 29340 29340 29340 29340 29340 29440 29440 29440 29440 29450 29460 29550 29550 29560 29560 29580	ARNDT ADCW1 USDCR1 SCNT2 LCMAD1 FNDM1 EOJSTN	TFM B SF 834 B T D7 D D D D D D D D D D D D D D D D D D	IORT,**23 IORT,ENDM1-4,7 ADCOW-4 **12 ,0971,,SKIPTO MONCAL LH1 ADCOW-4 3,22a USEDCR 3,18a SCNT-4 3,22a LCOMAD 3,18a ENDMES 3,18a **21 **9 EOTONY TSW EOPETE TSW INPUT+10 FCTEND INPUT+9 INPUT+5 CDPCH INPUT+10 I,a,** INPUT INPUT+10 I,a,** INPUT INPUT+10 INPUT+10 I,a,** INPUT INP	PUSTSN 2 11 10 SSYTYNB 55 FETEND 88 FETEND	,810 ,10 ,10 ,10 ,10 ,11	PAGE 56	
LOCTN 12894 12996 12918 12930 12954 12962 12974 12985 129764 12985 12986 13009 13017 130020 13017 130020 13018 13078 13078 13078 13078 13160 13174 13186 13189 13181 13189	149 326 434 495 495 496 5147 696 697 697 697 697 697 697 697 697 69	P/L 00565 00532 06839 09607 12942 00000 00796 00005 00003 00005 00003 13043 13043 13102 13413 13413 1	0 12905 13013 00000 00000 01400 00971 00002 066839 13343 09607 13377 13651 02294 00002 01200 00001 0001 00010 13489 00006 02318 00000 02318 000004 02318 000000 13412 000000	PG/LN 29230 29240 29250 29260 29270 29280 29320 29330 29340 29350 29360 29370 29440 29450 29450 29450 29550 29550 29550 29560 29570 29580	ARNDT ADCW1 USDCR1 SCNT2 LCMAD1 FNDM1 EOJSTN EOTONY	TFM B SF BV4 B7 DSA DCSA DCSA DCSA DCSA DCSA DCSA DCSA	IORT, **+23 IOPT, ENDM1-4, 7 ADCOW-4 **12 ,0971,, SKIPTO MONCAL SYSCAL, 2 LH1 ADCOW-4 3,22a USEDCR 3,18a SCNT-4 3,22a LCOMAD 3,18a ENDMES 3,18a **+21 **+9 EOTONY TSW EOPETE TSW INPUT+10 FCTEND EOROD FCTEND INPUT+3 INPUT+5 COPCH INPUT+5 COPCH INPUT+5 INPUT+5 FCTEND	PUSTSN 2 11 10 SSYTYNB 55 FETEND 88 FETEND	,810 ,10 ,10 ,10 ,10 ,11	PAGE 56	
LOCTN 128894 12906 12918 12930 12945 12975 12975 12975 12975 12975 12975 13004 13004 13002 13004 13007 13007 13007 13007 13017 13007 1301	14922464959 544769611145635263345 8822469	P/L 00565 00532 06839 09607 12942 00000 00796 00005 00003 00005 00003 13043 13043 13102 13413 13102 02318 09619 09616 09621 009626 00001 09616 09621 02318 09621	0 12905 13013 00000 01400 00971 00002 066839 13343 09607 13377 13651 02294 06062 01200 00001 0001 0001 0001 0001 0	PG/LN 29230 29240 29250 29260 29270 29280 29320 29330 29330 29330 29340 29350 29370 29380 29390 29440 29450 29460 29470 29450 29450 29450 29510 29520 29580 29580 29590 29500 29510 29500 29510 29500 29510 29520 29580	ARNDT ADCW1 USDCR1 SCNT2 LCMAD1 FNDM1 EOJSTN EOTONY EOPETE	TFM B SF 834367 M B T B T B T B T B T B T B T B T B T B	IORT, **+23 IORT, ENDM1-4, 7 ADCOW-4 **12 **12 **197 *	PUSTSN 2 1 10 SVTYNB 5 FCTEND 8 FCTEND 7 CSW	,810 ,10 ,10 ,10 ,11 ,11	PAGE 56	
LOCTN 128894 12996 12930 129954 12996 129785 12989 12997 13004 13004 13004 13004 13007 13	149 149 149 149 149 149 149 149	P/L 00565 00532 06839 09607 12942 00000 00796 00005 00003 00005 00003 00005 00003 13043 13043 13078 13413 09626 02318 13943 13102 13413 09626 02318 09619 09621 09621 09621 09621 09621 09621 09621 09621 09621 09621 09621 09621	0 12905 13013 00000 00000 001400 00971 00002 066839 13343 09607 13377 13651 02294 06062 01200 00001 00040 13489 00005 02318 00000 00004 02318 00000 00004 02318 00000 00000 00200 00200 00200 00200 00200 00200 00200 002303 01300	PG/LN 29230 29250 29270 29280 29270 29320 29320 29330 29340 29350 29370 29340 29340 29370 29440 29440 29440 29450 29460 29520 29550 29560 29570 29580 29590 29560 29560 29660 29650 29660	ARNDT ADCW1 USDCR1 SCNT2 LCMAD1 FNDM1 EOJSTN EOTONY EOPETE	TB SF SB 38 T B T B T B T B T B T B T B T B T B T	IORT,**23 IORT,*ENDM1-4,7 ADCOW-4 **12 ,0971,,SKIPTO MONCAL LH1 ADCOW-4 3,22a USEDCR 3,18a USEDCR 3,18a ENDMES 3,18a **21 **9 EOTONY TSW EOPETE TSW INPUT+10 FCTEND INPUT+5 COPCH INPUT+5 CDPCH INPUT+5 CDPCH INPUT+5 CTEND EOPETE INPUT+5 CTEND EOPETE INPUT+1 INPUT+5 CTEND EOPETE INPUT+5 CTEND EOPETE INPUT+5 CTEND EOPETE INPUT+5 CTEND EOPETE INPUT+5 CTEND EOTEND EOTEN	PUSTSN 2 1 10 SVTYNB 5 FCTEND 8 FCTEND 7 CSW	,810 ,10 ,10 ,10 ,11 ,11	PAGE 56	
LOCTN 128894 12996 12996 129954 12996 129974 12985 129974 12985 129993 13002 13004 13004 13004 13007 1	14322644959 54476961114563563355 88224692958	P/L 00565 00532 06839 09607 12942 00000 00796 00005 00003 00005 00003 00005 00003 13043 13078 13413 13102 13413 13102 13413 13402 13413 09626 002318 1399 09616 00616 09621 009616 00621 009616 00621 009616 00621 009616 00621 009616	0 12905 13013 00000 01400 00971 00002 066839 13343 09607 13377 13651 02294 06062 01200 00001 0001 0001 0001 0001 0	PG/LN 29230 29240 29250 29270 29280 29270 29380 29340 29350 29340 29350 29340 29350 29380 29380 29380 29380 29380 29380 29380 29380 29380 29380 29380 29380 29410 29450 29450 29450 29460 29460 29550 29560 29580 29580 29580 29580 29580 29680 29670 29680	ARNDT ADCW1 USDCR1 SCNT2 LCMAD1 FNDM1 EOJSTN EOTONY EOPETE	TB SF SB 34 T BT SC SA CA	IORT, **+23 IORT, ENDM1-4, 7 ADCOW-4 **12 ,0971,,SKIPTO MONCAL SYSCAL,2 LH1 ADCOW-4 3,22a USEDCR 3,18a SCNT-4 3,22a USEDCR 3,18a ENDMES 3,18a **+21 **+9 EOTONY TSW EOPETE TSW INPUT+10 FCTEND EOROD FCTEND INPUT+3 INPUT+5 FCTEND INPUT+5 FCTEND EOTON EOPETE TOPUT INPUT+5 FCTEND EOPETE EOJEND FCTEND EOTON INPUT+5 FCTEND EOPETE EOJEND FCTEND EOPETE EOJEND FCTEND EOPETE EOJEND FCTEND EOPETE EOJEND FCTEND EOTON EOPETE EOJEND FCTEND EOTEND	PUSTSN 2 1 10 SSYTYNB 5 FETEND 8 FCTEND CSW 10 TBASE	,810 ,10 ,10 ,10 ,11 ,11 ,11	PAGE 56	
LOCTN 128894 12996 12918 12930 12954 12962 129764 12985 129961 13004 13004 13004 13004 13004 13004 13004 13007 13004 13007 130	14922469 147696111456356335 1246925	P/L 00565 00532 06839 09607 12942 00000 00796 00005 00003 00005 00003 00005 00003 13043 13078 13413 13102 13413 13102 13413 1342 13413 1342 13413 09616 02318 09619 09616 02318 02318 13038 09619 09616 02318 13246 09616	0 12905 13013 00000 00000 01400 00971 00002 066839 13343 09607 13377 13651 02294 00002 01200 00001 0001 00010 13489 00006 02318 00000 00200 00000 013412 00000 00200 00000 00200 00000 00200 00200 00015 13489 00000 00216 00000 00216 00000 00216 00000 00218 000000 00218 000000 00218 000000 00218 000000 00218 000000 00218 000000 00218 000000 00218 000000 00218 000000 00218 000000 00218 000000	PG/LN 29230 29240 29250 29270 29280 29270 29380 29340 29350 29340 29350 29340 29350 29380 29340 29450 29450 29450 29450 29450 29550 29550 29550 29550 29560 29570 29680 29670 29680 29670 29680	ARNDT ADCW1 USDCR1 SCNT2 LCMAD1 FNDM1 EOJSTN EOTONY EOPETE	TH B SF B V 4 B T D T D C D C D C D C D C D C D C D C D	IORT, **+23 IORT, ENDM1-4, 7 ADCOW-4 **12 **12 **197 **1, **12 **197 **1, **12 **19 **19 **19 **19 **19 **19 **19	PUSTSN 2 11 10 SVTYNB 5 FCTEND 4 FCTEND CSW 10 TBASE 15 SVTYNB USED®	,810 ,10 ,10 ,10 ,11 ,11 ,11	PAGE 56	
LOCTN 128894 12996 12930 12954 12967 129764 12985 129961 13004 130	14322644959 54476961114563563355 88224692958	P/L 00565 00532 06839 09607 12942 00000 00796 00005 00003 00005 00003 13043 13	0 12905 13013 00000 00000 01400 00971 00002 066839 13343 09607 13377 13651 02294 00002 01200 00001 0001 00010 13489 00006 02318 00000 00200 00000 013412 00000 00200 00000 00200 00000 00200 00200 00015 13489 00000 00216 00000 00216 00000 00216 00000 00218 000000 00218 000000 00218 000000 00218 000000 00218 000000 00218 000000 00218 000000 00218 000000 00218 000000 00218 000000 00218 000000	PG/LN 29230 29240 29250 29270 29280 29270 29380 29390 29340 29350 29380 29340 29450 29450 29450 29450 29450 29450 29450 29460 29450 29550 29560 29570 29580 29560 29570 29580 29580 29580 29580 29590 29580 29580 29580 29580 29580 29580 29580 29580 29580 29580	ARNDT ADCW1 USDCR1 SCNT2 LCMAD1 FNDM1 EOJSTN EOTONY EOPETE	TB SF SB 34 B 7 D S C C S C S C S C S C S C S C S C S C	IORT, **+23 IORT, ENDM1-4, 7 ADCOW-4 **12 **12 **10971, **12 **10971, **12 **12 **10000-4 **1, **23 **183 **23 **183 **24 **183 **20 **183 **21 **19 **1000000000000000000000000000000	PUSTSN 2 1 10 SVIYNB 5 FCTEND 4 FCTEND CSW 10 TBASE 15 SVIYNB	,810 ,10 ,10 ,10 ,11 ,11 ,11	PAGE 56	
LOCTN 12894 12996 12918 12930 112954 12996 1129764 12985 1129764 112985 1129764 112985 113004 113007 1130020 113101 130034 113007 1130020 113116 11307	14322644959 54476961114563563355 88224692958	P/L 00565 00532 06839 09607 12942 00000 00796 00075 00003 00005 00003 13043 13043 13043 13043 131413 13102 131413 131413 13102 131413 131413 13102 131413 13102 131413 13102 131413 13102 131413 13102	0 12905 13013 00000 00000 01400 00971 00002 066839 13343 09607 13377 13651 02294 00002 01200 00001 0001 00010 13489 00006 02318 00000 00200 00000 013412 00000 00200 00000 00200 00000 00200 00200 00015 13489 00000 00216 00000 00216 00000 00216 00000 00218 000000 00218 000000 00218 000000 00218 000000 00218 000000 00218 000000 00218 000000 00218 000000 00218 000000 00218 000000 00218 000000	PG/LN 29230 29240 29250 29260 29270 29280 29320 29330 29340 29350 29360 29370 29450 29450 29450 29450 29450 29550 29560 29570 29580	ARNDT ADCW1 USDCR1 SCNT2 LCMAD1 FNDM1 EOJSTN EOTONY EOPETE	TFM B SF 844 B7 DDC	IORT, **+23 IORT, ENDM1-4, 7 ADCOW-4 **12 **12 **10971, SKIPTO MONCAL SYSCAL, 2 LH1 ADCOW-4 **1, 2 H1 ADCOW-4 **1, 2 H1 ADCOW-4 **1, 18 **18 **20 **18 **18 **21 **49 **18 **21 **49 **19 **20 **18 **21 **49 **19 **21 **49 **19 **21 **49 **21 **49 **31 **49 **31 **40 **31 **40 **31 **40 **31 **40 **31 **40 **31 **40 **31 **40 **40 **10 **10 **10 **10 **10 **1	PUSTSN 2 11 10 SVTYNB 5 FCTEND 4 FCTEND CSW 10 TBASE 15 SVTYNB USED®	,810 ,10 ,10 ,10 ,11 ,11 ,11	PAGE 56	
LOCTN 128894 12996 12930 129954 129962 129954 129983 129961 13004 13012 13013 13014 13014 13014 13015 13017	14322644959 54476961114563563355 88224692958	P/L 00565 00532 06839 09607 12942 00000 00796 00005 00003 00005 00003 13043 13043 131043 13102 13413 09626 0001 00066 0001 09616 02318 0318 13102 13102 13102 02318 02318 13102 09616 0001 00016 00017 00016	0 12905 13013 00000 00000 01400 00971 00002 066839 13343 09607 13377 13651 02294 00002 01200 00001 0001 00010 13489 00006 02318 00000 00200 00000 013412 00000 00200 00000 00200 00000 00200 00200 00015 13489 00000 00216 00000 00216 00000 00216 00000 00218 000000 00218 000000 00218 000000 00218 000000 00218 000000 00218 000000 00218 000000 00218 000000 00218 000000 00218 000000 00218 000000	PG/LN 29230 29240 29250 29260 29270 29280 29320 29330 29340 29350 29360 29370 29440 29450 29450 29450 29450 29550 29550 29560 29570 29580 29590	ARNDT ADCW1 USDCR1 SCNT2 LCMAD1 FNDM1 EOJSTN EOTONY EOPETE	TFM B SF 844 B 7 DD C C DD C DD C C DD C DD C DD C DD C DD C DD C C C C DD C C C C DD C C C DD C C C DD C C C DD C C C DD C C C DD C C DD C C C DD C C C DD C C C DD C C DD C C DD C C DD C C C DD C C DD C C DD C C DD C C C DD C C DD C C DD C C DD C C C DD C C DD	IORT, **+23 IORT, ENDM1-4, 7 ADCOW-4 **12 **12 **10971, SKIPTO MONCAL SYSCAL, 2 LH1 ADCOW-4 **3,22a USEDCR **3,18a SCNT-4 **22a LCOMAD **1,8a ENDMES **3,18a **21 **9 ***1 ***1 ***2 ***1 ***2 ***2	PUSTSN 2 11 10 SVTYNB 5 FCTEND 4 FCTEND CSW 10 TBASE 15 SVTYNB USED®	,810 ,10 ,10 ,10 ,11 ,11 ,11	PAGE 56	
LOCTN 128894 12996 129894 12996 129754 12985 129764 12985 129971 13004 13004 13004 13004 13004 13007 13004 13007 13001 13004 13007 1	14322644959 54476961114563563355 88224692958	P/L 00565 00532 06839 09607 12942 00000 00796 00005 00003 00005 00003 13043 13078 13102 13413 13102 13413 13102 13413 13423 14423 14	0 12905 13013 00000 00000 01400 00971 00002 066839 13343 09607 13377 13651 02294 00002 01200 00001 0001 00010 13489 00006 02318 00000 00200 00000 013412 00000 00200 00000 00200 00000 00200 00200 00015 13489 00000 00216 00000 00216 00000 00216 00000 00218 000000 00218 000000 00218 000000 00218 000000 00218 000000 00218 000000 00218 000000 00218 000000 00218 000000 00218 000000 00218 000000	PG/LN 29230 29240 29250 29270 29280 29270 29380 29340 29350 29340 29350 29340 29450 29450 29450 29450 29450 29450 29450 29450 29550 29560 29560 29560 29570 29680 29670 29680 29670 29680 297700 297700 297700 297700 297700 297700	ARNDT ADCW1 USDCR1 SCNT2 LCMAD1 FNDM1 EOJSTN EOTONY EOPETE	TEM SE BY 4 BT DT DC SA	IORT, **+23 IORT, ENDM1-4, 7 ADCOW-4 **12 **12 **19 **17 **17 **18 **18 **18 **18 **18 **18	PUSTSN 2 11 10 SVTYNB 5 FCTEND 4 FCTEND CSW 10 TBASE 15 SVTYNB USED®	,810 ,10 ,10 ,10 ,11 ,11 ,11	PAGE 56	

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13539		00050		29800		DNB	50						
13558 13559		00019 00001		29810 29820		DNB DC	19 1,0						
13560 13565		00000		29830 29840	GRBAGE	DS DC	,*+1 6,-0002						
13584 13585		00019 00001		29850 29860		DC DGM	19,1701234567	891234567					•
13586 13592		00002 00005	±3594	29870 29880	SECTO	DSC DSA	2,0 SECTY						
13593 13594		00001	1337.	29890 29900	SECTY	DC DSC	1,0						
13599 13602		00005		29910 29920	36011	DC DC	5,0						
13607		00005	0 2218	29930		DSA	3,1 HEADER						
13608 13609		00001		29940 29950	CALBLK		1,a 2,0						
13615 13616		00005 00001	±3617	29960 29970		DS A DC	CALLBK 1,0						
13617 13622		00001 00005		29980 29990	CALLBK CLLBLK		1,0 5,0						
13625 13630		00003 00005	0 8326	30000 30010		DC DSA	3,3 BUF1						
13631 13632		00001 00001		30020 30030	SARGSW	DC DS	1,a 1						
13637 13642		00005 00005		30040 30050	SUBCOW BCOW	DS DS	5 5						
13644 13646		00002		30060 30070	BNR ONE 2	DC DC	2,45						
13648 13651		00002 00019	X 2	30080 30090	FOUR ENDMES	DC ·	2,4 19,END OF COM	D II ATIONS					
16002	27			30100		DORG	16002	PILATIONA					
16002 16014	34 25	09196 13585	00701 02323	30110 30120	XVVX	34 TD	BLK4A,701 SECTO-1,UGRMK						
16026 16038	38 36	09196 00012	00702 00500	30130 30140		38 TRA	BLK4A,702						
16050 16002	49	00012		30150		TCD	xvvx						
14100				30160 30170	****	DORG	14100 ERTIARY LINKAG	E BIUCK 4					
14101 14102	16	00002 02359	0 9212	30180 30190	XUBCDS	DC	2,6						
14114 14126	17 17	02324	14102 14202	30200 30210		BTM	FMON+35 FMON	,BLK5 ,SUBCDS					
14138	48	05510	00000	30220	XUBCAB	Н	RMNS	, SCABP					
14150 14162	16 17	02359 02324	0 9260 1 4150	30230 30240	XUBC12	BTM	FMON+35 FMON	,BLK7 ,SUBC12					
14174 14186	16 17	02359 02324	0 9284 1 4174	30250 30260	XUB12B	T F M B T M	FMON+35 FMON	,BLK8 ,SUB12B					
14202 14207		00005 00005	0 9485 0 2377	30270	SCABP	DSA	I,SX						
14208 14224	17	05510 00005	14224 09485	30280 30290		BTM DSA	RMNS I • S Y	, *+16					
14229 14230	17	00005 05510	02384 14246	30300		втм	RMNS	, *+16					
14246 14251	•	00005	0 9485	30310		DSA	I,SY	,**10					
	15	00005 09599	0 2384 00001	30320		TDM	SKIPSW	, 1					/48
***** LOCTN	0P	SECUND P/L	PASS FORTRAN		LABEL	MNEM	OPERANDS AND F	REMARKS		NUVEMBER,	1966	PAGE	58
LOCTN 14264	12	P/L 09485	Q 000 0 1	PG/LN 30330	LABEL	SM	I	,1	,10	NUVEMBER,	1966	PAGE	58
LOCTN 14264 14276 14292		P/L 09485 05540 00005	Q 000 0 1 ±4292 0 9485	PG/LN	LABEL		OPERANDS AND FIGURE		,10	NUVEMBER,	1966	PAGE	58
LOCTN 14264 14276 14292 14297 14298	12	P/L 09485 05540 00005 00005 04276	0 00001 14292 09485 02377 14314	PG/LN 30330 30340 30350 30360	LABEL	SM BTM DSA BTM	I GTNS I,SX SRFCT	,1	,10	NUVEMBER,	1966	PAGE	58
LOCTN 14264 14276 14292 14297 14298 14314 14319	12 17	P/L 09485 05540 00005 00005 04276 00005	Q 00001 14292 99485 92377 14314 92377 92377	PG/LN 30330 30340 30350 30360 30370	LABEL	SM BTM DSA BTM DSA	I GTNS I,SX SRFCT SX,SX	,1 ,*+16 ,*+16	,10	NUVEMBER,	1966	PAGE	58
LOCTN 14264 14276 14292 14297 14298 14314 14319 14320 14332	12 17 17 25 11	P/L 09485 05540 00005 04005 04276 00005 00005 05035 09485	Q 00001 1+4292 09485 02377 1+4314 02377 04673 00001	PG/LN 30330 30340 30350 30360 30370 30380 30390	LABEL	SM BTM DSA BTM DSA TD AM	I GTNS I,SX SRFCT SX,SX RXFLAG I	,1 ,*+16 ,*+16 ,FXORFL	,10	NUVEMBER,	1966	PAGE	58
LOCTN 14264 14276 14297 14298 14314 14319 14320 14332 14334	12 17 17 25 11 44 15	P/L 09485 05540 00005 00005 04276 00005 05035 09485 14368 09597	Q 00001 ±4292 09465 02377 ±4314 02377 04673 00001 02377	PG/LN 30330 30340 30350 30360 30370 30380 30390 30400 30410		SM BTM DSA BTM DSA TD AM BNF TDM	I GTNS I,SX SRFCT SX,SX RXFLAG I CDABZ FPSW	,1 ,*+16 ,*+16 ,FXORFL ,1 ,SX		NUVEMBER,	1966	PAGE	58
LOCTN 14264 14276 14292 14297 14298 14314 14319 14332 14344 14356 14368	12 17 17 25 11 44 15 43 26	P/L 09485 05540 00005 00005 04276 00005 05035 09485 14368 09597 14400 06891	Q 00001 ±4292 99485 92377 ±4314 92377 04673 00001 02377	PG/LN 30330 30340 30350 30360 30370 30380 30390 30400 30410 30420 30430	LABEL	SM BTM DSA BTM DSA TD AM BNF TDM BD TF	I GTNS I,SX SRFCT SX,SX RXFLAG I CDABZ FPSW *+32 L	,1 ,*+16 ,*+16 ,FXORFL ,1 ,5X	,10	NUVEMBER,	1966	PAGE	58
LOCTN 14264 14276 14292 14297 14298 14314 14319 14332 14344 14356 14368 14380 14392	12 17 17 25 11 44 15 43 26 49 26	P/L 09485 05540 00005 04276 00005 05035 09485 14368 09597 14400 06891 14436 06891	Q 00001 14292 09485 02377 14314 02377 04673 00001 02377 00001 02377 04673 02298	PG/LN 30330 30340 30350 30360 30370 30380 30390 30400 30410 30420 30430 30450		SM BTM DSA BTM DSA TD AM BNF TDM BD TF B7 TF	I GTNS 1,SX SRFCT SX,5X RXFLAG I CDABZ FPSW *+32 L CDABW L	,1 ,*+16 ,*+16 ,FXDRFL ,1 ,SX ,1 ,FXDRFL ,FP2	,10	NUVEMBER,	1966	PAGE	58
LOCTN 14264 14276 14292 14298 14314 14319 14332 14344 14368 14380 14392 14400 14412	12 17 17 25 11 44 15 43 26 49 26 44 32	P/L 09485 05540 00005 00005 00005 00005 05035 09485 14368 09597 14400 06891 14436 06891	Q 00001 14292 99485 92377 14314 92377 04673 00001 02377 00001 02377 00002 04673 02298	PG/LN 30330 30350 30350 30360 30370 30380 30390 30410 30420 30430 30450 30460 30450 30470	CDABZ	SM BTM DSA BTM DSA TD BNF TDM BD TF BTF BNF SF	I GTNS I,SX SRFCT SX,SX RXFLAG I CDABZ FPSW *+32 L CDABW L	,1 ,*+16 ,*+16 ,FXORFL ,1 ,5X ,1 ,FXORFL ,FP2 ,K	,10	NUVEMBER,	1966	PAGE	58
LOCTN 14264 14276 14292 14297 14298 14314 14319 14320 14342 14346 14380 14392 144402 144404 14456	12 17 17 25 11 44 15 43 26 49 26 44	P/L 09485 05540 00005 00005 00005 00005 00005 0485 14368 09485 14436 06891 14436 06891 08712 08712	Q 00001 14292 99485 92377 14314 92377 04673 00001 02377 00005 04673 02298 02252 09315 00000 14452 96883	PG/LN 30330 30340 30350 30350 30370 30380 30490 30410 30440 30430 30440 30450 30460		SM BTM DSA BTM DSA TD AM BNF TDM BD TF B7 TF BNF	I GTNS I,SX SRFCT SX,SX RXFLAG I CDABZ FPSW *+32 L CDABW L CDABW	,1 ,*+16 ,*+16 ,FXDRFL ,1 ,SX ,1 ,FXDRFL ,FP2	,10	NUVEMBER,	1966	PAGE	58
LOCTN 14264 14276 14292 14297 14298 14314 14319 143320 14344 14356 14368 14380 14492 14400 14412 14424 14436	12 17 17 25 11 44 15 43 26 49 26 44 32 17	P/L 09485 05540 00005 00005 04276 00005 05035 09485 14368 09597 14400 06891 14436 06891 08712 00005 00005	Q 00001 144292 99485 92377 14314 92377 04673 00001 02377 00001 04673 02298 02252 09315 00000 14452 96883 92384 00000	PG/LN 30330 30340 30350 30360 30370 30380 30390 30440 30420 30430 30450 30450 30470 30480 30490	CDABZ	SM BTM DSA TD AM BNF BT BT F BT	I GTNS I,SX SRFCT SX,SX RXFLAG I CDABZ FPSW *+32 L CDABW L CDABW L CANDS	,1 ,*+16 ,*+16 ,FXORFL ,1 ,5X ,1 ,FXORFL ,FP2 ,K	,10	NUVEMBER,	1966	PAGE	58
LOCTN 14264 14276 14292 14298 14319 14320 143368 14368 14368 14368 14380 14412 14424 14436 14458 14458	12 17 17 25 11 44 15 43 26 49 24 44 32 17	P/L 09485 05540 00005 00005 00005 05035 09485 14368 09597 14400 06891 14436 06891 08712 00005 06883 06883	Q 00001 14292 99485 92377 14314 92377 04673 00001 04673 02298 02252 09315 00000 14452 96883 92384 00000 06891 00000	PG/LN 30330 30340 30350 30350 30360 30370 30380 30490 30410 30420 30440 30450 30470 30460 30470 30480 30490	CDABZ	SM DSA BTM DSA TD AMNF TDM BD TF BTF BTF BTF BTSA	I GTNS 1,SX SRFCT SX,5X RXFLAG I CDABZ FPSW *+32 L CDABW L CDABW L CDABW L CANDS D4,SY	,1 ,*+16 ,*+16 ,FXORFL ,1 ,SX ,1 ,FXORFL ,FP2 ,K ,101 ,*+16	,10	NUVEMBER,	1966	PAGE	58
LOCTN 14264 14276 14292 14297 14298 14319 14320 14344 14358 14384 14386 14386 14386 14386 14386 14386 14386 14386 14386 14386 14386 14386 14486 14486 14486	12 17 17 25 11 44 15 43 26 44 32 17 33 32 26 43	P/L 09485 05540 00005 04276 00005 05035 09485 14368 06891 14436 06891 14436 06891 06891 06883 06883 06883	Q 00001 1+4292 99485 92377 1+4314 92377 92377 04673 00001 04673 02298 02252 09315 00000 1+4452 96883 92384 00000 06891 00000 00099 09315	PG/LN 30330 30340 30350 30360 30370 30380 30390 30410 30420 30440 30450 30470 30460 30470 30490 30500 30500 30520 30530	CDABZ	SM M BTM BTM BTF	I GTNS I,SX SRFCT SX,SX RXFLAG I CDABZ FPSW *+32 L CDABW L CDABW L CANDS D4,SY	,1 ,*+16 ,*+16 ,FXORFL ,1 ,SX ,1 ,FXORFL ,FP2 ,K ,101 ,*+16	,10	NUVEMBER,	1966	PAGE	58
LOCTN 14264 14276 14292 14297 14298 14314 14319 14320 14344 14356 14368 14368 14392 144401 14412 14458 14452 14457 14458 144794 14506 14518	12 17 17 25 11 44 15 43 26 44 32 17 33 32 32 26	P/L 09485 05540 00005 04276 00005 05035 09485 14368 06891 14436 06891 14436 06891 06883 06883 06883 14554 15022	Q 00001 1+4292 09485 02377 1+314 02377 04673 00001 04673 00298 02252 09315 00000 1+452 06883 02384 00000 06891 00000 00099 09315 09597	PG/LN 30330 30340 30350 30360 30370 30380 30490 30440 30440 30470 30480 30490 30500 30500 30520 30530 30550 30560	CDABZ CDABW	SBTSA BDS TAMPENDE TENER BDS F F F F BS BS CM SF F BB BS BS CM SF BB	I GTNS I,SX SRFCT SX,SX RXFLAG I CDABZ FPSW *+32 L CDABW L CANDS D4,SY D4 95 D4	,1 ,*+16 ,*+16 ,FXORFL ,1 ,5X ,1 ,FXORFL ,FP2 ,K ,101 ,*+16	,10	NUVEMBER,	1966	PAGE	58
LOCTN 14264 14276 14292 14297 14298 14314 14319 14320 14344 14356 14368 14380 14492 14494 14456 14456 14456 14457 14458 14470 14482 14494 14516 14518 14516	127 17 25 11 445 445 26 49 26 442 17 33 32 32 444	P/L 09485 05540 00005 04276 00005 05035 09485 14368 06891 14436 06891 14436 06891 00005 00005 00005 00005 06883 06883 14554	Q 00001 14292 99485 92377 14314 92377 04673 00001 02377 00005 04673 02298 02252 09315 00000 14452 96883 92384 00000 06891 00000 00099 09315 09597	PG/LN 30330 30340 30350 30360 30370 30380 30490 30440 30450 30440 30450 30460 30470 30480 30520 30530 30530 30550 30550 30550	CDABZ CDABW CDSAB1	SM BTM DS A BTM DS A TD AMNFTDM BD TFF BTF BTF BTF BTF BTF BTF BTF BTF BTF	I GTNS I,SX SRFCT SX,SX RXFLAG I CDABZ FPSW *+32 L CDABW L CANDS D4,SY D4 O4 O4 O4 O5	,1 ,*+16 ,*+16 ,FXORFL ,1 ,5X ,1 ,FXORFL ,FP2 ,K ,IO1 ,*+16	,10	NUVEMBER,	1966	PAGE	58
LOCTN 14264 14276 14292 14297 14298 14319 14320 14332 14344 14356 14368 14380 14492 14400 14412 14424 14436 14457 14458 14470 14484 14518 14518	12 17 17 25 11 445 43 26 444 32 17 33 32 32 43 444 17	P/L 09485 05540 00005 04276 00005 05035 05035 09485 14368 06891 14436 06891 14436 06891 06893 06883 06883 06883 14554 06883 14554 06883	Q 00001 144292 99485 92377 14314 92377 04673 00001 02377 00001 04673 02298 02252 09315 00000 14452 96883 92384 00000 06891 00009 09315 09597 09314 14554	PG/LN 30330 30340 30350 30350 30350 30390 30490 30410 30420 30440 30450 30470 30460 30470 30500 30510 30520 30550 30550 30550 30550 30550 30550	CDABZ CDABW	SM BTM DSA BTM DSA TAM BNF TBD BTF TF TF SF TBD BNF TB	I GTNS I,SX SRFCT SX,SX RXFLAG I CDABZ FPSW *+32 L CDABW L CDABW L CANDS D4,SY D4 D4 CDSAB7 C	,1 ,*+16 ,*+16 ,FXORFL ,1 ,SX ,1 ,FXORFL ,FP2 ,K ,101 ,*+16 ,L ,99 ,101 ,FSW ,FSW ,FSW ,FSW ,FSW ,FSW ,FSW	,10	NUVEMBER,	1966	PAGE	58
LOCTN 14264 14276 14292 14297 14298 14319 14320 14344 14356 14368 14389 14440 14440 14446 14516 14452 14457 14458 14476 14458 14476 14518 14506 14518	127 17 251144 153 264 444 317 333 2263 444 447 444 444 446	P/L 09485 05540 00005 04276 00005 05035 05035 05035 14368 06891 14436 06891 14436 06891 108712 00005 06883 06883 14554 15022 14566 05830 14562 06883	Q 00001 1+4292 99485 92377 1+314 92377 92377 04673 00001 04673 02298 02252 09315 00000 14452 96883 92384 00000 06891 00000 00099 09315 09507 09314 145554 09597 09315 90000 01300	PG/LN 30330 30340 30350 30360 30370 30380 30490 30410 30420 30440 30470 30440 30490 30500 30510 30520 30530 30550 30550 30570 30590 30590 30590 30590 30590	CDABZ CDABW CDSAB1	SM M M B T M A B T M A B T M A B T M A B T M A B T M A B T M B T B T F N F T B	I GTNS I,SX SRFCT SX,SX RXFLAG I CDABZ FPSW *+32 L CDABW L CDABW L CANDS D4,SY D4 95 D4 CODSAB7 CDSAB7 CDSAB7 CDSAB7 CDSAB2 CDSAB3	,1 ,*+16 ,*+16 ,FXORFL ,1 ,5X ,1 ,FXORFL ,FP2 ,K ,101 ,*+16 ,L ,99 ,101 ,FPSW ,FFSW ,FFSW ,*+12 ,FPSW ,*+12 ,FPSW	,10	NUVEMBER,	1966	PAGE	58
LOCTN 14264 14276 14292 14297 14298 14314 14319 14320 14384 14356 14368 14368 14368 14368 14368 14392 14400 14412 14458 14451 14458 14470 14458 14454 14566 14578 14566 14578	127 17 2511445 14326 4444 327 32326 3444 17444 1466 149	P/L 09485 00005 04276 00005 05035 00005 05035 09485 14368 06891 14436 06871 00005 06883 00095 06883 00095 14564 06891 14622 14622 14622 14622 14622 14623	Q 00001 1+4292 09485 02377 1+314 02377 04673 00001 04673 02298 02252 09315 00000 1+452 06883 02384 00000 06891 00000 00099 09315 09597 09314 14554 09597 09315 09000 01300 00002	PG/LN 30330 30340 30350 30360 30370 30380 30490 30440 30440 30470 30480 30490 30500 30520 30530 30520 30530 30550 30570 30580 30590 30580 30590 3060 30610 30630	CDABZ CDABW CDSAB1	SM M M B T M A B T M A B T M A B T M A B T M A B T M A B T M A B T M B T F B T F B T F B D F F F B B B T M F F B B B T M F F B B B T M F F B B B B T M F F B B B B T M F F B B B B B B B B B B B B B B B B B	I GTNS I,SX SRFCT SX,5X RXFLAG I CDABZ FPSW *+32 CDABW L CDABW L CDABW L CDABW L CDABW CANDS D4,SY D4 95 D4 COSAB7 CDSAB7 CDSAB7 CDSAB7 CDSAB2 CDSAB2 CDSAB2 CDSAB2 CDSAB2 CDSAB2 CDSAB2	,1 ,*+16 ,*+16 ,*+16 ,FXORFL ,1 ,5X ,101 ,*+16 ,K ,101 ,*+16 ,L ,99 ,101 ,FSW ,*+12 ,FSW ,*+12 ,FPSW ,**+12 ,**,FPSW ,*,FPSW ,*,	,10	NUVEMBER,	1966	PAGE	58
LOCTN 14264 14276 14292 14297 14298 14314 14319 14320 14342 14344 14356 14380 14412 14457 14458 14470 14482 14494 14516 14518 14530 14542 1457 14458 14570 14482 14590 14506 14518	127 17 25 11445 4369 26442 17 3332 2643 4441 17444 1466 1469 15	P/L 09485 05540 00005 04276 00005 04276 00005 05035 09485 14368 06891 14436 06891 14436 06891 08712 00005 00005 06883 00095 06883 145022 14566 05830 15022 14662 06883 14634 04493	Q 00001 14292 99485 92377 14314 92377 04673 00001 02377 00005 04673 02298 02252 09315 00000 14452 96883 92384 00000 06891 00000 00099 09315 09597 09314 145554 09597 09315 09000 01300 00002 00021 00002	PG/LN 30330 30340 30350 30360 30370 30380 30490 30410 30420 30430 30440 30450 30470 30510 30520 30550 30560 30550 30560 30570 30580 30590 30600 30610 30620	CDABZ CDABW CDSAB1	SMMMA BTSA BTSA BTSA BTSA BTSA BTSA BTSB BTSB	I GTNS 1,SX SRFCT SX,5X RXFLAG I CDABZ FPSW *+32 L CDABW L CDABW L CDABW L CDABW CDSABT CDSABT CDSABZ CDSSABZ CDSABZ CDSABZ CDSABZ CDSABZ CDSABZ CDSABZ CDSABZ CDS	,1 ,*+16 ,*+16 ,*+16 ,FXORFL ,1 ,5X ,101 ,*+16 ,k ,101 ,*+16 ,t ,99 ,101 ,FSW ,FSW ,FSW ,FSW ,101 ,0 ,22	,10	NUVEMBER,	1966	PAGE	58
LOCTN 14264 14276 14292 14297 14298 14314 14319 14320 14344 14356 14368 14386 14386 14386 14386 14386 14386 14350 14402 14424 14446 14452 14457 14458 14470 14482 14554 14566 14578 14590 14502 14614 14622 14634	127 17 25114453264964327 32326434444174441466915611	P/L 09485 05540 00005 04276 00005 04276 00005 05035 04486 06891 14436 06891 14436 06891 08712 00005 00005 00005 00005 04883 145522 14566 06883 14622 04493 07342 03801	Q 00001 144292 99485 92377 14314 92377 04673 00001 02377 00004 04673 02298 02252 09315 00000 14452 96883 92384 00000 06891 00000 06891 00000 00099 09315 9597 09315 9597 09315 90000 01300 00022 00021 00001 06883	PG/LN 30330 30340 30350 30360 30370 30380 30490 30440 30450 30440 30450 30470 30460 30530 30550	CDABZ CDABW CDSAB1 CDSAB7	SBTS BTS D BTS D BTS D BTS D BTS D BTS D BTS BTS F BS F M A BTS D BTS F BS F BS	I GTNS 1,SX SRFCT SX,5X RXFLAG I CDABZ FPSW *+32 CDABW L CDABW L CANDS D4,SY D4 95 D4 CDSAB7 CDSAB7 CDSAB7 CDSAB7 CDSAB2-12 GNRP W+32 CDSAB7 CDSAB2-12 GNRP CDSAB2 CDSAB2-12 D4 STAB2 CDSAB2 CD	,1 ,*+16 ,*+16 ,*+16 ,FXORFL ,1 ,5X ,1 ,FXORFL ,FP2 ,K ,IO1 ,*+16 ,L ,99 ,101 ,FPSW ,FSW ,FSW ,FPSW ,101 ,0 ,22 ,21 ,1 ,ADCOW ,35	,10	NUVEMBER,	1966	PAGE	58
LOCTN 14264 14276 14292 14297 14298 14314 14319 143320 14344 14356 14368 14380 14490 14412 14424 14436 14506 14518 14570 1458 14570 14602 14614 14622 14634 14638	127 17 25 114 415 436 432 44 447 444 446 446 449 165 126	P/L 09485 05540 00005 04276 00005 04276 00005 14368 06891 14436 06891 14436 06891 14436 06891 14436 06891 14436 06893 06883 145022 14566 06883 14622 06883 14622 06883 06883	Q 00001 1+4292 99485 92377 1+4314 92377 04673 00001 02377 00001 04673 02298 02252 09315 00000 14452 96883 92384 00000 06891 00000 06891 00000 00099 09315 909597 09315 90000 01300 00002 00021 00001 06843 00002	PG/LN 30330 30340 30350 30350 30360 30370 30490 30410 30420 30440 30450 30440 30450 30460 30570 30510 30520 30530 30550 30570 30580 30590 30590 30590 30640 30640 30660	CDABZ CDABW CDSAB1 CDSAB7	SBTS D TAMBOOM BT BT FREE BT SET BD S	I GTNS I,SX SRFCT SX,SX RXFLAG I CDABZ FPSW *+32 CDABW L CDABW L CANDS D4,SY D4 95 D4 CODSAB7 CDSAB7 CDSAB7 CDSAB7 CDSAB7 CDSAB2 D4 *+32 CDSAB2 D4 *+32 CDSAB2 CD	,1 ,*+16 ,*+16 ,FXORFL ,1 ,5X ,1 ,FXORFL ,FP2 ,K ,101 ,*+16 ,L ,99 ,101 ,FPSW ,*+12 ,FPSW ,*+12 ,FPSW ,*+12 ,FPSW ,*ADCOW	,10 ,11	NUVEMBER,	1966	PAGE	58
LOCTN 14264 14276 14292 14298 14319 14320 143368 14368 14368 14368 14368 14452 14452 14454 14506 14518 14578 14566 14568 14568 14568 14668	17 17 251 144 153 264 444 317 323 2264 444 444 4466 4966 1651 1666 1676 1676 1676 1676 1676 16	P/L 09485 09485 04276 00005 04276 00005 05035 14368 06891 14436 06891 14436 06891 14436 06891 14436 06891 14436 06893 145022 145622 06883 145024 15022 14562 06883 14634 15022 06883 06893 14634 15022 06883 06893 14634 15022 06883 06983	Q 00001 1+4292 09485 02377 1+314 02377 04673 00001 04673 02298 02252 09315 00000 14452 06883 02384 00000 06891 00000 00099 09315 09597 09314 14554 09597 09314 145554 09597 09315 00000 00002 00022 00021 00002	PG/LN 30330 30340 30350 30360 30370 30380 30490 30410 30420 30440 30450 30470 30490 30510 30520 30530 30550 30570 30580 30570 30580 30590 30590 30590 30590 30590 30590 30590 30590 30590 30590 30590 30590 30590 30590 30590 30590 30590 30590	CDABZ CDABW CDSAB1 CDSAB7	SBTS D TAMBOOM BEFF FRENCH AS FEED SETS BEFF MARKET BE	I GTNS I,SX SRFCT SX,SX RXFLAG I CDABZ FPSW *+32 L CDABW L CDABW L CANDS D4,SY D4 95 D4 CDSAB7 CDSAB7 CDSAB7 CDSABX CDSAB2-12 D4 *+32 CDSAB2-12 D4 FSW CD5 FSW CDSAB2-12 D4 FSW CDSAB2-12 D5 FSW	,1 ,*+16 ,*+16 ,*+16 ,FXORFL ,1 ,5X ,1 ,FXORFL ,FP2 ,K ,IO1 ,*+16 ,L ,99 ,101 ,FPSW ,FSW ,FSW ,FPSW ,101 ,0 ,22 ,21 ,1 ,ADCOW ,35	,10 ,11	NUVEMBER,	1966	PAGE	58
14264 14276 14292 14297 14298 14314 14319 14320 14382 14368 14368 14368 14368 14368 14368 14368 14368 14368 14470 14412 14458 14470 14458 14470 1458 1457 1458 1457 1458 1457 1458 1458 1459 1458 1459 1459 1459 1459 1460 1458 1459 1460 1460 1460 1461 1462 1461 1462 1463 14646 14667 14668 14668 14668 14668	127 17 25114453264964327 32326434444174441466915611	P/L 09485 05540 00005 04276 00005 04276 00005 14368 06891 14400 06891 14436 06891 06891 144566 06891 0712 0712 0712 0712 0712 0712 0712 071	Q 00001 1+4292 09485 02377 1+314 02377 04673 00001 04673 00228 02252 09315 00000 1+452 06883 02384 00000 06891 00000 06891 09315 09597 09314 14554 09597 09314 14554 09597 09315 09000 00022 00021 00002 00022 00021 00001 06843 00001 06843 09327 09387	PG/LN 30330 30340 30350 30360 30370 30380 30490 30410 30420 30430 30440 30450 30440 30500 30510 30520 30530 30550 30560 30550 30560 30570 30580 30590 30610 30690 30690	CDABW CDSAB1 CDSAB7 CDSAB2	SBTS D TAMBOD BT	I GTNS 1,SX SRFCT SX,5X RXFLAG I CDABZ FPSW *+32 L CDABW L CDABW L CANDS D4,SY D4 95 D4 CDSAB7 CDSAB7 CDSAB7 CDSAB7+12 GNRP CDSAB7+12 GNRP CDSAB2-12 D4 *+32 OPX CDSAB2 CDSAB2-12 D4 *+32 OPX CDSAB2 C	,1 ,*+16 ,*+16 ,*+16 ,FXDRFL ,1 ,5X ,101 ,*+16 ,k ,101 ,*+16 ,t ,99 ,101 ,FPSW ,FSW ,*+12 ,FPSW ,*+12 ,FPSW ,*+101 ,0 ,22 ,21 ,1 ,ADCOW ,35 ,*+16	,10 ,11	NUVEMBER,	1966	PAGE	58
LOCTN 14264 14276 14292 14297 14298 14314 14319 14332 14344 14368 14380 14392 14400 14412 14424 14436 14568 14457 14458 14478 14568 14578 14560 14614 14626 14668 14668 14668 146691 14698 14698 14698	17 17 211445 1445 1445 1445 1445 1445 1446 1446	P/L 09485 05540 00005 04276 00005 04276 00005 14368 06891 14436 06891 14436 06891 14436 06893 14554 06883 14554 06883 14554 06883 00095 06883 14662 06883 06883 06883 06883 06883 06883 06883	Q 00001 144292 99485 92377 14314 92377 04673 00001 02377 00001 04673 02298 02252 09315 00000 14452 96883 92384 00000 06891 00000 06891 00000 00099 09315 09597 09315 99597 09315 00002 00021 00001 06883 00005 1446686 9327 93801 96883	PG/LN 30330 30340 30350 30360 30370 30380 30490 30410 30420 30430 30440 30450 30470 30510 30520 30530 30550 30550 30550 30560 30570 30580 30590 30600 30610 30670 30680 30690 30700 30710	CDABZ CDABW CDSAB1 CDSAB7	SBTS D TAMPEM TO THE TERM TO T	I GTNS 1,SX SRFCT SX,SX RXFLAG I CDABZ FPSW *+32 CDABW L CDABW L CANDS D4,SY D4 D4 D4 D5 D4 CDSAB7 CDSAB7 CDSAB7 CDSAB2 CDSAB2-12 D4 CDSAB2-12 D4 CDSAB2 CDSAB2-12 D4 CDSAB2 CDSA	,1 ,*+16 ,*+16 ,*+16 ,FXORFL ,1 ,5X ,1 ,FXORFL ,FP2 ,K ,IO1 ,*+16 ,L ,99 ,101 ,FPSW ,FSW ,FSW ,FPSW ,101 ,0 ,22 ,21 ,1 ,ADCOW ,35	,10 ,11	NUVEMBER,	1966	PAGE	58
LOCTN 14264 14276 14292 14298 14314 14319 14320 14368 14368 14368 14368 14368 14368 14368 14368 14452 14457 14458 14470 14482 14494 14506 14518 14578 14566 14578 14566 14568 14678 14698 14698 14698 14698 14698 14698 14708	17 17 21144536964427 3232634444744466961566117 49369646	P/L 09485 09485 00005 04276 00005 0504276 00005 05035 14368 06891 14436 06891 14436 06891 14436 06893 145022 145680 06883 14622 06883 14622 06883 14622 06883 14622 06883 14625 06883 14638 07342 07342 07342 07342 07342 073801 073801 073801	Q 00001 1+4292 99485 92377 1+314 92377 04673 00001 04673 00001 04673 00000 044652 96883 92384 00000 06891 00000 00099 09315 09597 09315 00000 01300 00092 00022 00021 00001 06843 00002 00092 00021 00001 06843 00005 14466	PG/LN 30330 30350 30350 30350 30360 30370 30380 30490 30410 30450 30470 30480 30550 30550 30550 30550 30560 30550 30560 30570 30580 30590	CDABZ CDABW CDSAB1 CDSAB7 CDSAB2	SBTS D TAMBODE FOR SETS BENEFIT TO BE BENEFIT TO BE	I GTNS 1,SX SRFCT SX,SX RXFLAG 1 CDABZ FPSW *+32 L CDABW L CDABW L CANDS D4,SY D4 D4 D4 D5 D4 CDSAB7 CDSAB7 CDSAB7 CDSAB7+12 GDSAB7+12 GDSAB7+12 GDSAB7+12 GDSAB7+12 GDSAB7 CDSAB7+12 FDSAB7 CDSAB7+12 FDSAB7 CDSAB8 FDSAB7 CDSAB8 FDSAB7 CDSAB8 FDSAB7 CDSAB8 FDSAB7 CDSAB8 FDSAB7 CDSAB8 FDSAB7 CDSAB8 FDSAB7 CDSAB8 FDSAB7 CDSAB8 FDSAB7 CDSAB8 FDSAB7 CDSAB8 FDSAB8	,1 ,*+16 ,*+16 ,*+16 ,FXORFL ,1 ,5X ,1 ,FXORFL ,FP2 ,K ,101 ,*+16 ,L ,99 ,101 ,FPSW ,*+12 ,FPSW ,*+12 ,FPSW ,*+12 ,FPSW ,*+12 ,FPSW ,*+16	,10 ,11 ,10 ,10	NUVEMBER,	1966	PAGE	58
LOCTN 14264 14276 14292 14298 14319 14320 14344 14356 14368 14388 14380 14492 14494 14456 14518 14520 14462 14458 14566 14568 14580 14602 14614 14622 14658 14678 14608 14618 14738 14678	17 211445369644217 3232643444174444146691156117 493692615	P/L 09485 09485 00005 04276 00005 04276 00005 05035 14368 06891 14436 06891 14436 06891 14436 06891 14436 06883 06883 06883 06883 14554 15022 04493 14634 04493 07342 03801 06898 03801 04493 07342 07343 07343 07343 07343	Q 00001 1+4292 99485 92377 1+4314 92377 04673 00001 04673 00298 02252 09315 00000 14452 96883 92384 00000 06891 00000 00099 09315 09597 09315 00000 01300 00022 00021 00001 06843 00002 00022 00021 00001 06843 00005 146554 09327 09315 00001	PG/LN 30330 30350 30350 30350 30360 30370 30400 30490 30490 30490 30500 30510 30520 30530 30550 30570 30580 30570 30580 30590 30570 30680 30690 30710 30620 30630 30640 30650 30670 30680 30670 30690	CDABW CDSAB1 CDSAB7 CDSAB2	SBT D TAMBOD BERTHAM A STANDARD BERTHAM BANDARD BERTHAM	I GTNS I,SX SRFCT SX,SX RXFLAG I CDABZ FPSW *+32 L CDABW L CANDS D4,SY D4 95 D4 CONSAB7 CDSAB7 CDSAB7 CDSAB7 CDSAB7 CDSAB2—12 D4 *+32 OPX SS1 N40005	,1 ,*+16 ,*+16 ,*+16 ,FXORFL ,1 ,5X ,1 ,FXORFL ,FP2 ,K ,101 ,*+16 ,L ,99 ,101 ,FPSW ,*+12 ,FPSW ,*+12 ,FPSW ,*+12 ,FPSW ,*+12 ,FPSW ,*+16	,10 ,11	NUVEMBER,	1966	PAGE	58
LOCTN 14264 14276 14292 14298 14319 14320 14344 14356 14368 14368 14368 14368 14368 14368 14368 14368 14368 14368 14452 14456 14518 14506 14718 14718	17 251145364964421 3332633444417444441669117 493649616	P/L 09485 09485 00005 04276 00005 04276 00005 05035 04486 05831 08712 00005 06883 06883 06883 145522 14568 06883 145022 145493 07343 07343 07343 07343 07343 07343	Q 00001 1+4292 99485 92377 1+4314 92377 92377 00001 04673 00001 04673 00298 02252 09315 00000 044452 96883 92384 00000 008891 00000 00099 09315 09597 09314 14554 09597 09315 90000 01300 00022 00021 00001 06843 00005 13186 9327 93801 96883	PG/LN 30330 30340 30350 30360 30370 30380 30390 30410 30420 30430 30440 30470 30490 30520 30530 30550 30550 30550 30560 30570 3060 30610 3060 30610 3060 30610 30600 30610 30600 30610 30630 30640 30690 30610 30630 30640 30690 30610 30630 30640 30690 30710 30630 30640 30710 30730 30740	CDABZ CDABW CDSAB1 CDSAB7 CDSAB2 CDSAB5	SBTS D TAMBODE BTSFEFF MA FEDERENMENT FOR MAN	I GTNS I,SX SRFCT SX,5X RXFLAG I CDABZ FPSW *+32 L CDABW L CDABW L CDABW L CDABW L CDABW L CDABW CDABY CDABY CDABT CDSABT CDSABT CDSABT CDSABT CDSABZ	,1 ,*+16 ,*+16 ,*+16 ,*+16 ,fxORFL ,1 ,5X ,101 ,*+16 ,k ,101 ,*+16 ,t ,99 ,101 ,FSW ,FSW ,FSW ,FSW ,101 ,0 ,22 ,21 ,1 ,ADCOW ,35 ,*+16	,10 ,11 ,10 ,10	NUVEMBER,	1966	PAGE	58
LOCTN 14264 14276 14292 14297 14298 14319 14320 14344 14356 14368 14368 14368 14368 14368 14368 14452 14452 14452 14456 14518 14506 14518	17	P/L 09485 00485 00005 04276 00005 00005 00005 05035 05035 05035 06881 14368 06891 14436 06891 14436 06891 14436 06893 145540 06883 06883 06883 07342 07343 07343	Q 00001 1+4292 99485 92377 1+314 92377 04673 00001 04673 02298 02252 09315 00000 14452 96883 92384 00000 00099 09315 09597 09315 09000 00092 00021 00002 00021 00002 00021 00001 06843 00005 146883 05065 04237	PG/LN 30330 30340 30350 30360 30370 30380 30390 30410 30420 30440 30450 30470 30490 30500 30510 30520 30530 30540 30550 30560 30570 30600 30570 30600 30670 30600 30670 30600 30670 30710 30720 30730 30740 30770 30770 30770	CDABZ CDABW CDSAB1 CDSAB7 CDSAB2 CDSAB5	SBTS D TAMBOD BEFFER A FED SETS BEST TO BE BEST TO BE BEST TO BE BEST TO BEST	I GTNS I,SX SRFCT SX,5X RXFLAG I CDABZ FPSW *+32 L CDABW L CDABW L CANDS D4,SY D4 95 D4 CDSAB7 CDSAB7 CDSAB7 CDSAB7 CDSAB2 CDSAB	,1 ,*+16 ,*+16 ,*+16 ,FXORFL ,1 ,5X ,101 ,*+16 ,K ,101 ,*+16 ,L ,99 ,101 ,FSW ,*+12 ,FPSW ,*+12 ,FPSW ,*+12 ,FPSW ,*+101 ,0 ,22 ,1 ,1 ,1 ,1 ,2 ,2 ,1 ,1 ,1 ,1 ,1 ,1 ,1 ,1 ,1 ,1 ,1 ,1 ,1	,10 ,11 ,10 ,10	NUVEMBER,	1966	PAGE	58
LOCTN 14264 14276 14292 14297 14298 14314 14319 14320 14384 14358 14368 14368 14368 14368 14368 14368 14368 14368 14368 14470 14462 14456 14576 14666 14578 14670 14686 14568 14670 14686 14670 14686 14768 14670 14788 14770 14788 14770 14788 14770	17 7 5114536964427 33326334444744441669656117 936966657 1146	P/L 09485 00005 04276 00005 04276 00005 05035 00005 14368 06891 14436 06891 14436 06891 14436 06893 06883 00095 14552 14568 07342 00005 06883 07342 07342 07343 07342 07343 07343 07343	Q 00001 1+4292 09485 02377 1+314 02377 04673 00001 04673 02298 02252 09315 00000 1+4452 06883 02384 00000 06891 00000 06891 09315 09597 09314 14554 09597 09314 145564 09597 09315 09000 01300 00022 00021 00021 00021 00021 00041 00001 06843 00005 13186 00007 00041 00001 06843 00005 13186 0007 00041 00001 06843 00005 13186 00047 00001 144790 09485 09485 09481 00001 004133 01200	PG/LN 30330 30340 30350 30360 30370 30380 30390 30410 30420 30440 30450 30470 30480 30490 30510 30520 30530 30550 30560 30570 30580 30590 30600 30710 30600 30710 30720 30730 30740 30750 30760 30770 30780	CDABZ CDABW CDSAB1 CDSAB7 CDSAB2 CDSAB5	SBD TABDESEDS CMSTBBBBBCBTBTTABBD BBTBTTTBBD SME	I GTNS 1,SX SRFCT SX,5X RXFLAG 1 CDABZ FPSW *+32 L CDABW L CDABW L CDABW L CDABW L CDABS D4,SY D4 95 D4 CDSAB7 CDSAB7 CDSAB2 CDS	**1 ,**16 **16 **16 **16 **16 **17 **17 **101 **16 **101	,10 ,11 ,10 ,10	NUVEMBER,	1966	PAGE	58
LOCTN 14264 14276 14292 14298 14314 14319 14320 14346 14368 14368 14368 14368 14368 14368 14368 14450 14452 14457 14458 14470 14686 14518 14506 14568 14578 14506 14568 14578 14506 14578	17 17 251445369644477 333264344474444146696156117 49364966517 114	P/L 09485 05540 00005 04276 00005 04276 00005 05035 14368 06891 14436 06891 14436 06891 14436 06893 145022 14566 06883 14622 14562 06883 14622 06883 14622 06883 14622 145680 07341 07342 07342 07342 07342 07342 07342 07342 07342 07342 07342 07342 07342 07342 07342 07342 07342 07342	Q 00001 1+4292 99485 92377 1+314 92377 04673 00001 04673 00001 04673 00000 04465 90000 06891 00000 06891 00000 00099 09315 00000 01300 00092 00021 00001 06843 00025 144686 99327 93801 96883 05065 04237 13186 00007 13186 00007 0001 14790 99485 99481 00001	PG/LN 30330 30350 30350 30350 30350 30370 30380 30490 30490 30490 30490 30500 30510 30520 30550 30550 30550 30560 30570 30580 30590 30590 30590 30590 30590 30590 30590 30590 30590 30590 30590 30590 30590 30590 30590	CDABZ CDABW CDSAB1 CDSAB7 CDSAB2 CDSAB5	SBTS D TAMBODE FOR STED SETS DESTRUCTION OF SE	I GTNS 1,SX SRFCT SX,SX RXFLAG 1 CDABZ FPSW *+32 L CDABW L CDABW L CANDS D4,SY D4 D4 D4 95 D4 CDSAB7 CDSAB7 CDSAB7 CDSAB7 CDSAB2-12 D4 CDSAB2-12 D4 CDSAB2-12 D4 CDSAB2-12 D4 CDSAB2-12 D7 SS1 PUTX TFM,N40005 PUTX TFM,N40005 PUTX TFM,N40005 PUTX TFM,N40005 PUTX TFM,N40005 PUTX SS2 GTNS 1,ST	,1 ,*+16 ,*+16 ,*+16 ,FXORFL ,1 ,5X ,101 ,*+16 ,K ,101 ,*+16 ,L ,99 ,101 ,FSW ,*+12 ,FPSW ,*+12 ,FPSW ,*+12 ,FPSW ,*+101 ,0 ,22 ,1 ,1 ,1 ,1 ,2 ,2 ,1 ,1 ,1 ,1 ,1 ,1 ,1 ,1 ,1 ,1 ,1 ,1 ,1	,10 ,11 ,10 ,10	NUVEMBER,	1966	PAGE	58

****		SECOND	PASS FORTRAN	ΙΙ					•	NOVEMBER	, 1966		PAGE	59
LOCTN	OP	P/L	Q	PG/LN	LABEL	MNEM	OPERANDS AND	REMARKS						
14853		00005	0 3801											
14858 14860	44	00005 15308	0 6883 09315	30840		BNF	CDABP	,101						
14872 14884	15 17	09599 05510	00000 14900	30850 30860		T D M B T M	SKIPSW RMNS	,0 ,*+16						
14900 14905		00005	0 9485 0 9481	30870		DSA	I,ST	,						•
14906 14914	49 16	11422	00011	30880 30890	CDSAB8	B7 TEM	CD14A SS2	,11	,10					
14926 14938	33 17	02377 06898	00000 14954	30900 30910	ODDADO	C F B T M	SX PUTX	,*+16	, 10					
14954	1,	00005	04493 03801	30920		DSA	OPX,N40005,SX							
14964		00005	0 2377											
14966 14978	43 26	15182 06883	09320 09344	30930 30940		BD TF	FPCL D4	,CALLSW ,BLANK						
14990 15002	43 26	14706 03801	09315 04227	30950 30960		BD TF	CDSAB5 N40005	,IO1 ,TOFAC	•					
15014 15022	49 44	14750 15090	09315	30970 30980	CDSABX	B7 BNF	CDSAB4 CDSABZ	,101						
15034 15046	44 22	15090 06883	06883 02377	30990 31000		BNF S	CDSABZ D4	,D4 ,SX						
15058 15070	33 15	06883 07345	00000 00001	31010 31020		C F T D M	D4 SS4	,1						
15082 15090	49 21	15102 06883	02377	31030 31040	CDSABZ	B 7	*+20 D4	, SX						
15102 15114	43	14706 09485	09315 000 0 1	31050 31060	0.50.4.02	BD SM	CDSAB5	,101	10					
15126	26 26	06601 06835	09485 06883	31070		TF TF	GI	,1 ,I ,D4	,10					
15138 15150 15162	15 16	06892 05829	0000 1 15422	31080 31090 31100		TDM TFM	TCOW GTSBSW GNRP-1	, 1	, 11					
15174 15182	49	05912		31110	EDCI	B7	GYES-24 N40005	,CDABXT						
15194	26 16	04493	04232 000 1 6	31120	FPCL	TFM	OPX	,FACAD ,16	,10					
15206 15214	49 15	14762 09325	0000±	31140 31150	CDABU	B7 TDM	CDSAB3 RSW	,1	, 11					
15226 15238	25 17	05025 06898	05035 1 5254	31160 31170		TD BTM	RFLAG PUTX	,RXFLAG ,*+16						
15254 15259		00005 00005	0 9327 0 4232	31180		DSA	TFM,FACAD,D4							
15264 15266	17	00005 05570	0 6883 1 5282	31190		втм	RPNS	, *+16						
15282 15287		00005 00005	0 9485 0 9469	31200		DSA	I,FAC							
15288 15300	17 49	05830 15422	1 5300	31210 31220		BTM B7	GNRP CDABXT	, *+12						
15308 15324	17	05570 00005	15324 09485	31230 31240	CDABP	BTM DSA	RPNS I,FAC	, *+16						
15329 15330	15	00005 09314	09469 0000±	31250		TDM	FSW	,1	, 11					
15342 15354	25 44	05095 15422	05035 09597	31260 31270		TD BNF	FLAGSW CDABXT	,RXFLAG ,FPSW	7 1 1					
15366 15378	43 49	15386	09320	31280 31290		BD B7	*+20	CALLSW						
15386 15398	17	05830 09575	15398 000 0 1	31300 31310		BTM SM	CDABXT GNRP GBASE	**+12	,10					150
**** LUCTN	OP	SECOND P/L	PASS FORTRAN	II PG/LN	LABEL	MNEM	OPERANDS AND F	REMARKS		NUVEMBER,	, 1966	ı	PAGE.	60
LUCTN 15410	32	P/L 0957 5	Q 00000	PG/LN 31320		SF	GBASE	,	,6	NUVEMBER:	, 1966	ſ	PAGE	60
LUCTN 15410 15422 15434	32 15 49	P/L 0957 5 09599 03206	Q 00000 00000	PG/LN 31320 31330 31340	CDABXT	SF TDM B7	GBASE SKIPSW EXIT	,0	,6	NUVFMBFR,	1966	ſ	PAGE	60
LUCTN 15410 15422 15434 15442 15454	32 15 49 25 11	P/L 0957 5 09599 03206 0957 5 09575	Q 00000 00000 05035 000 0 3	PG/LN 31320 31330 31340 31350 31360		SF TDM B7 TD AM	GBASE SKIPSW EXIT GBASE GBASE	, ,0 ,RXFLAG	,6 ,6	NUVEMBER:	1966	ţ	PA GE	60
LUCTN 15410 15422 15434 15442 15454 15466 15478	32 15 49 25 11 15	P/L 09575 09599 03206 09575 09575 09575	Q 00000 00000 05035 000 0 3 00001 00004	PG/LN 31320 31330 31340 31350 31360 31370 31380	CDABXT	SF TDM B7 TD AM TDM SM	GBASE SKIPSW EXIT GBASE GBASE GBASE GBASE	,,0 ,RXFLAG ,3 ,1	,6 ,10 ,6 ,10	NUVEMBER :	, 1966	1	PAGE	60
LUCTN 15410 15422 15434 15442 15454 15466 15478 15490 15502	32 15 49 25 11	P/L 0957 5 09599 03206 0957 5 09575	Q 00000 00000 05035 000 0 3 00001	PG/LN 31320 31330 31340 31350 31360 31370 31380 31390 31400	CDABXT	SF TDM B7 TD AM TDM SM TF B7	GBASE SKIPSW EXIT GBASE GBASE GBASE GBASE GBASE GBASE GBASE	, ,0 ,RXFLAG ,3 ,1	,6 ,6 ,10	NUVEMBER (, 1966	ı	PA GE	60
LUCTN 15410 15422 15434 15442 15454 15466 15478 15490 15502 16002	32 15 49 25 11 15 12 26 49	P/L 09575 09599 03206 09575 09575 09575 09575 09575 06404	00000 00000 00000 05035 00003 00001 00004 06835	PG/LN 31320 31330 31340 31350 31360 31370 31380 31390 31400 31410 31420	CDABXT	SF TDM B7 TD AM TDM SM TF B7 DORG 34	GBASE SKIPSW EXIT GBASE GBASE GBASE GBASE GBASE GBASE GBASE GBASE GBASE GBASE	,,0 ,RXFLAG ,3 ,1	,6 ,10 ,6 ,10	NUVEMBER.	, 1966	,	PA GE	60
LUCTN 15410 15424 15442 15454 15466 15478 15490 15502 16002 16002	32 15 49 25 11 15 12 26 49 34 38 36	P/L 09575 09599 03206 09575 09575 09575 09575 09575 09575 09574 09244	00000 00000 05035 00003 00001 00004 06835	PG/LN 31320 31330 31340 31350 31360 31370 31380 31390 31400 31410	CDABXT GTFIN	SF TDM B7 TD AM TDM SM TF B7 DORG	GBASE SKIPSW EXIT GBASE GBASE GBASE GBASE GBASE GBASE GTJW 16002	,,0 ,RXFLAG ,3 ,1	,6 ,10 ,6 ,10	NUVEMBER.	, 1966	ī	PAGE.	60
LUCTN 15410 15422 15434 15442 15454 15466 15478 15490 16002 16002 16014 16026 16038	32 15 49 25 11 15 12 26 49 34 38	P/L 09575 09599 03206 09575 09575 09575 09575 09575 09575	0 00000 00000 05035 00003 00001 00004 06835	PG/LN 31320 31330 31340 31350 31360 31370 31380 31400 31410 31420 31420 31420 31430 31440	CDABXT GTFIN	SF TDM B7 TD AM TDM SM TF B7 DORG 34 38 TRA	GBASE SKIPSW EXIT GBASE GBASE GBASE GBASE GBASE GBASE GBASE GTJW 16002 BLK6A,701 BLK6A,702	,,0 ,RXFLAG ,3 ,1	,6 ,10 ,6 ,10	NUVFMBFR.	, 1966	,	PAGE.	60
LUCTN 15410 15422 15434 15442 15454 15466 15478 15490 15502 16002 16014 16026	32 15 49 25 11 15 12 26 49 34 38 36	P/L 09575 09599 03206 09575 09575 09575 09575 09575 09575 09574 09244	0 00000 00000 05035 00003 00001 00004 06835	PG/LN 31320 31330 31340 31350 31360 31370 3140 31420 31430 31440 31450 31460 31470	CDABXT GTFIN	SF TDM B7 TD AM TDM SM TF B7 DORG 34 38 TRA TCD DORG	GBASE SKIPSW EXIT GBASE GBASE GBASE GBASE GBASE GBASE GTJW 16002 BLK6A,701 BLK6A,702 XUUX 14100 ERTIARY LINKAG	,0 ,RXFLAG ,3 ,1 ,4 ,TCNW	,6 ,10 ,6 ,10	NUVEMBER,	, 1966	,	PAGE.	60
LUCTN 15410 15422 15434 15442 15446 15478 15490 15502 16002 16014 16026 16038 16002 14100	32 15 49 25 11 15 12 26 49 34 38 36	P/L 09575 09599 03206 09575 09575 09575 09575 09575 09575 09444 09244 09244 00012	0 00000 00000 05035 00003 00001 00004 06835	PG/LN 31320 31330 31340 31350 31360 31370 31370 31410 31420 31430 31440 31440 31450 31460	CDABXT GTFIN XUUX	SF TDM B7 TDM TDM SM TF B7 DORG 34 TRA TCD DORG TODG T	GBASE SKIPSW EXIT GBASE GBASE GBASE GBASE GBASE GBASE GBASE GTJW 16002 TJW 16002 XUUX 14100	, ,0 ,RXFLAG ,3 ,1 ,4 ,TCNW	,6 ,10 ,6 ,10	NUVEMBER.	, 1966	,	PAGE	60
LUCTN 15410 15422 15434 15445 15466 15478 15490 16002 16002 16012 16012 16103	32 15 49 25 11 15 12 26 49 34 38 36 49	P/L 09575 09599 03206 09575 09575 09575 09575 06404 09244 09012 00012	0 00000 00000 05035 00003 00001 00004 06835 00701 00702 00500	PG/LN 31320 31330 31340 31350 31370 31370 31400 31410 31420 31430 31440 31470 31470 31470	CDABXT GTFIN XUUX	SF TDM B7 TD AM TDM TF B7 DORG 38 TRA TCD DORG T DORG T DCM BTM	GBASE SKIPSW EXIT GBASE GBASE GBASE GBASE GBASE GBASE GBASE GBASE GBASE GTJW 16002 BLK6A,701 BLK6A,702 XUUX 14100 ERTIARY LINKAGI 2,77	, ,0 ,RXFLAG ,3 ,1 ,1 ,TCDW	,6 ,10 ,6 ,10	NUVEMBER (. 1966		PAGE	60
LUCTN 15410 15422 15434 15445 15466 15478 15490 15502 16002 16002 16014 16026 16038 16002 14100 14101 14102 14114	32 15 49 25 11 15 12 26 49 34 38 36 49	P/L 09575 09579 03206 09575 09575 09575 09575 09575 00404 09244 09244 00012 00012	0 00000 00000 05035 00003 00001 00004 06835 00701 00702 00500	PG/LN 31320 31340 31350 31360 31370 31380 31390 31410 31420 31440 31450 31470 31480 31470 31480 31520	CDABXT GTFIN XUUX ****** YUBCDS	SF TDM B7 TD AM TDM SM TF B7 DORG 34 38 TRA TCD DORG T DC TFM BTM BTM BTM	GBASE SKIPSW EXIT GBASE GBASE GBASE GBASE GBASE GBASE GBASE GTJW 16002 XUUX 14100 ERTIARY LINKAGI 2,7 FMON+35 FMON FMON+35 FMON N40004	, ,0 ,RXFLAG ,3 ,1 ,4 ,TCOW	,6 ,10 ,6 ,10	NUVEMBER.	. 1966	·	PAGE .	60
LUCTN 15410 15422 15434 15464 15466 15478 15490 15502 16002 16014 16002 16014 16002 14101 14102 14114 14126 14138 14150	32 15 49 25 11 15 12 26 49 34 38 36 49	P/L 09575 09599 03206 09575 09575 09575 09575 09575 09012 00012 00012	0 00000 00000 05035 00003 00001 00004 06835 00701 00702 00500	PG/LN 31320 31340 31340 31350 31370 31370 31430 31440 31450 31440 31460 31470 31480 31490 31500 31510	CDABXT GTFIN XUUX ****** YUBCDS YUBCAB	SF TDM B7 TDD AM TF DORG 34 38 T C D G T FM TFM BTM TF BTF	GBASE SKIPSW EXIT GBASE GBASE GBASE GBASE GBASE GBASE GBASE GBASE GTJW 16002 BLK6A,701 BLK6A,702 XUUX 14100 ERTIARY LINKAGI 2,7 FMON+35 FMON FMON+35 FMON	, , 0 RXFLAG , 3 , 1 , 4 , TCOW E BLOCK 7 , BLK5 , SUBCOS , BLK6 , SUBCAB , I , BLK8	,6 ,10 ,6 ,10	NUVEMBER	. 1966		₽AGE .	60
LUCTN 15410 15422 15434 15464 15464 15466 15478 15490 15502 16002 16014 16026 16038 16002 14101 14102 14104 14126 14138 14150 14161	32 15 49 25 11 15 12 26 49 34 38 36 49 16 17 26 49	P/L 09575 09599 03206 09575 09575 09575 09575 09575 04074 09244 00012 00012 00002 02359 02324 02374 03796 14198 02359	00000 00000 05035 00003 00001 00004 06835 00701 00702 00500	PG/LN 31320 31330 31340 31350 31360 31370 31370 31410 31420 31430 31440 31440 31470 31470 31480 31500 31510 31510 31510	CDABXT GTFIN XUUX ***** YUBCDS YUBCAB YUBC12	SF TDM B7 TDM SM TDM SM TF B7 TO DORG 38 TRA TCD DDRG T FM BTM TFM BTM BTM TFM BTM BTM BTM BTM BTM BTM BTM BTM BTM BT	GBASE SKIPSW EXIT GBASE	, , 0 ,RXFLAG ,3 ,1 ,4 ,TCOW E BLOCK 7 ,BLK5 ,SUBCDS ,BLK6 ,SUBCAB ,1 ,BLK8 ,SUB12B ,SUB1B ,SU	,6 ,10 ,6 ,10 ,6					60
LUCTN 15410 15422 15434 15466 15478 15490 15502 16002 16014 16026 16038 16002 14101 14102 14104 14126 14138 14150 14162 14174 14186	32 15 49 25 11 15 12 26 49 34 38 36 49 16 17 26 49	P/L 09575 09579 03206 09575 09575 09575 09575 09575 090040 09244 00012 00012 00002 02359 02324 02359 02324 03796 14198 03796	00000 00000 05035 00003 00001 00004 06835 00701 00702 00500	PG/LN 31320 31340 31340 31350 31370 31370 31430 31440 31450 31440 31450 31470 31480 31470 31500 31510 31550 31550 31570	CDABXT GTFIN XUUX ****** YUBCDS YUBCAB YUBC12 YUB12B ******	SF TDM B7 TDM SM TDM SM TF B7 TO DORG 38 TRA TCD DDRG T FM BTM TFM BTM BTM TFM BTM BTM BTM BTM BTM BTM BTM BTM BTM BT	GBASE SKIPSW EXIT GBASE	, , , , , , , , , , , , , , , , , , ,	,6 ,10 ,6 ,10 ,6					60
LUCTN 15410 15422 15434 15464 15466 15478 15490 15502 16002 16014 16026 16038 16002 14101 14102 14104 14126 14138 14150 14162 14186	32 15 49 25 11 15 12 26 49 34 38 36 49	P/L 09575 09579 03206 09575 09575 09575 09575 09575 09002 00012 00002 02359 02324 02324 03796 14198 02324 03796 14244 05540 00002	00000 00000 00000 05035 00003 00004 06835 00701 00702 00500 09212 14102 09236 14126 09485 00000 09284 14174	PG/LN 31320 31340 31350 31360 31370 31380 31380 31410 31420 31440 31470 31480 31470 31500 31570 31550 31570 31580	CDABXT GTFIN XUUX ****** YUBCDS YUBCAB YUBC12 YUB12B *******	SF TDM B7 TDM B7 TDM TDM TFF B7 TRA TCD DORG T DC TFM TFF B TFM BTM TFF B TFM BTM AM	GBASE SKIPSW EXIT GBASE	, , 0 ,RXFLAG ,3 ,1 ,4 ,TCOW E BLOCK 7 ,BLKS ,SUBCOS ,BLK6 ,SUBCAB ,1 ,BLK8 ,SUB12B IZING INSTRUCT	,6 ,6 ,10 ,6 ,10 ,6					60
LUCTN 15410 15422 15434 15442 15454 15466 15478 15490 15502 16002 16002 16014 16026 16038 16002 14100 14101 14102 14114 14126 14138 14150 14162 14174 14188 14150 14162 14174	32 15 49 25 11 15 12 26 49 34 38 36 49 16 17 16 17	P/L 09575 09579 03206 09575 09575 09575 09575 09575 09002 00012 00012 00012 00012 00012 00012 00012	00000 00000 00000 05035 00003 00001 00004 06835 00701 00702 00500 09212 14102 99236 14126 09485 00000 99284 14174	PG/LN 31330 31340 31350 31360 31370 31380 31380 31380 31410 31440 31470 31470 31480 31470 31500 31570 31570 31580 31590 31590 31610	CDABXT GTFIN XUUX ****** YUBCDS YUBCAB YUBC12 YUB12B *******	SF TDM B7 TDM B7 TD AM TDM TF B07 RG 34 TRA TCD D0 RG T FM BTM TF B BTM BTM BTM B B B B B B B B B B B B B	GBASE SKIPSW EXIT GBASE	, , 0 ,RXFLAG ,3 ,1 ,4 ,TCOW E BLOCK 7 ,BLK5 ,SUBCOS ,BLK6 ,SUBCAB ,I ,BLK8 ,SUB12B IZING INSTRUCT IST ,1 ,101 ,*+16	,6 ,10 ,6 ,10 ,6 ,10 ,10					60
LUCTN 15410 15422 15434 15445 15466 15478 15490 15502 16002 16002 14100 14101 14102 14114 14126 14138 14150 14160 14161 14122 14174 14186	32 15 49 25 11 15 12 26 49 34 38 36 49 16 17 26 49 16 17 17 26 49 11 11 17 26 17 17 17 17 17 17 17 17 17 17 17 17 17	P/L 09575 09579 03206 09575 09575 09575 09575 00404 00244 00012 00012 00012 00022 02359 02324 03796 14198 02359 02324 03796 14244 00005 00005 04042 04042 14352	00000 00000 00000 05035 00003 00001 00004 06835 00701 00702 00500 09212 14102 99236 14126 09485 00000 99284 14174	PG/LN 31330 31340 31350 31360 31370 31370 31380 31380 31400 31410 31420 31440 31470 31470 31470 31500 31570 31550 31570 31580 31590 31610 31630	CDABXT GTFIN XUUX ****** YUBCDS YUBCAB YUBC12 YUB12B ******* CD12P	SF TDM B7 TDM B7 TD B TD B7 TD	GBASE SKIPSW EXIT GBASE	, , 0 ,RXFLAG ,3 ,1 ,4 ,7 ,TCOW E BLOCK 7 ,BLK5 ,SUBCOS ,BLK6 ,SUBCAB ,1 ,BLK8 ,SUB12B IZING INSTRUCT ,1 ,101	,6 ,6 ,10 ,6 ,10 ,6					60
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LUCTN 15410 15422 15434 15442 154454 15446 15478 15490 15502 16002 16014 16026 16138 16002 14100 14101 14102 14114 14126 14138 14150 14162 14174 14184 14256 14268 14268 14268 14268 14268	32 15 49 25 11 15 12 26 49 34 38 36 49 16 17 17 11 14 17 17 11 12 47 17 17 17 17 17 17 17 17 17 17 17 17 17	P/L 09575 09579 03206 09575 09575 09575 09575 09575 090012 00012 00012 00012 0002 02359 02324 02359 02324 02359 02324 03796 14198 02359 02324 03796 04042 14352 08998 14352 08998	00000 00000 00000 05035 00003 00001 00004 06835 00701 00702 00500 09212 14102 99236 14126 09485 00000 99284 14174	PG/LN 31330 31340 31350 31360 31370 31370 31410 31420 31430 31440 31470 31470 31500 31510 31510 31550 31570 31560 31570 31560 31610 31620 31660 31670 31680 31690 31680	CDABXT GTFIN XUUX ****** YUBCDS YUBCAB YUBC12 YUB12B ****** CD12P CD12C	SF TDM B7 TD AM D AM D AM D AM D AM AM D AM AM D AM	GBASE SKIPSW EXIT GBASE	, , , , , , , , , , , , , , , , , , ,	,6 ,10 ,6 ,10 ,6 ,10 ,10					60
LUCTN 15410 15422 15434 15446 15478 15490 15502 16002 16014 16002 16114 16026 16141 16102 14101 14102 14101 14102 14118 14188 14150 14162 14178 14188 14280 14288 14280 14288 14280 14288 14288 14280 14288 14281 14388 14352 14384	32 15 49 25 11 15 12 26 49 34 38 36 49 16 17 16 17 11 14 31 17	P/L 09575 09579 03206 09575 09575 09575 09575 09575 09575 09575 09575 09575 09575 09575 09575 09575 09575 09575 09575 09575 09575	00000 00000 00000 05035 00003 00001 00004 06835 00701 00702 00500 09500 09500 09485 00000 99212 14102 99236 14126 09485 00000 99284 14174	PG/LN 31320 31340 31350 31360 31370 31370 31400 31410 31430 31440 31470 31470 31450 31570 31560 31570 31560 31570 31560 31570 31610 31610 31610 31610 31610 31610 31670	CDABXT GTFIN XUUX ****** YUBCDS YUBCAB YUBC12 YUB12B ****** CD12P	SFDM B7 TAM M TB7 TAM M TB7 TB7 TB7 TB7 TB7 TB7 TB7 TB7 TB7 TB7	GBASE SKIPSW EXIT GBASE	, O ,RXFLAG ,3 ,1 ,4 ,TCOW E BLOCK 7 ,BLKS ,SUBCOS ,BLK6 ,SUBCAB ,1 ,BLK8 ,SUB12B 1ZING INSTRUCT 1ST ,1 ,101 ,*+16 ,21 ,GBASE ABLE FULLa ,DOREF ,21	,6 ,10 ,10 ,6 IDN F,10					60
LUCTN 15410 15422 15434 15466 15478 15490 15502 16002 16014 16026 16038 16002 14101 14102 14101 14126 14138 14150 14162 14174 14186	32 15 49 25 11 15 12 26 49 34 38 36 49 16 17 16 17 11 11 24 47 17 46 49 49 11 12 49 49 11 11 12 12 13 14 14 14 15 16 16 17 17 18 18 18 18 18 18 18 18 18 18 18 18 18	P/L 09575 09579 03206 09575 00002 00002 00002 00005	00000 00000 00000 05035 00003 00001 00004 06835 00701 00702 00500 09212 14102 09236 14126 09485 00000 09284 14174 00001 09315 14238 09534 000021 09575 01100 14313 01400 X2 04042 00021 09534 00001	PG/LN 31320 31340 31340 31350 31360 31370 31400 31410 31440 31440 31470 31440 31470 31550 31560 31510 31580 31580 31580 31580 31580 31580 31580 31580 31580 31580 31580 31580 31580 31580 31580 31580 31580 31570 31580 31570 31670	CDABXT GTFIN XUUX ****** YUBCDS YUBCAB YUBC12 YUB12B ****** CD12P CD12C	SFDM BTD AMDM BTD AMD BTD AMDM BTD AMD BTD AMDM BTD AMD BTD AMDM B	GBASE SKIPSW EXIT GBASE GBAS GBASE G	, , , , , , , , , , , , , , , , , , ,	,6 ,10 ,6 ,10 ,6					60
LUCTN 15410 15422 15434 15464 15466 15478 15490 15502 16002 16014 16026 16038 16002 14101 14102 14104 14126 14138 14186 14188	32 15 49 25 11 12 26 49 34 38 36 49 16 17 16 17 11 43 17 17 11 43 17 17 49 49 49	P/L 09575 09579 03206 09575 09575 09575 09575 09575 09575 09575 09575 04042 00012 00002 02359 02324 03796 14198 02324 03796 14244 05540 00005 00005 00005 04042 14352 04042 14352 09525 09525 04042 03796 00020 009525	00000 00000 05035 000043 00001 00004 06835 00701 00702 00500 09212 14102 09236 14126 09485 00000 09284 14174 00001 09315 14238 09575 01100 14313 01400 X2 004042 00001 09534 00001 14416 09534 00001 14416 09534 00001 14416 09534 00001 14416 09534 00001 14416 09534 00001 14416 09534 00001 14416 09576	PG/LN 31320 31340 31340 31340 31350 31360 31370 31400 31410 31440 31440 31440 31440 31450 31450 31550 31560 31510 31550 31560 31570 31580 31570 31580 31670 31680 31670 31670 31680 31670 31670 317700 317700 317700 317700 317700 317700	CDABXT GTFIN XUUX ****** YUBCDS YUBCAB YUBC12 YUB12B ****** CD12P CD12C	SFDM BTD AMDM BTD AMD BTD AMDM BTD AMD BTD AMDM BTD AMD BTD AMDM BTD AMD BTD AMDM BT	GBASE SKIPSW EXIT GBASE GBAS GBASE G	, , , , , , , , , , , , , , , , , , ,	,6 ,10 ,6 ,10 ,6					60
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Company Comp	****		SECOND	PASS FORTRAN	11						NUVEMBER,	1966	PAGE	61
18-86						LABEL	MNEM	OPERANDS	AND REMARKS		,			
10000									,*+16					
1	1454	•	00005	0 3781	31900		DSA	N40001	•*+16					
1-2-20 1	1457		00005 00005	0 2372 0 3791	31920 31930		DSA DSA	SR N40003						
1.545 1.0000	14588	l .	00005	0 9333	31950		DSA	TF	,*+16					
1-45 12 055 000040 11500	1459	3	00005	0 3791	31970		DSA	N40003	• 0					
1.0 1.0	14624	26	0953 0	000 0 4 06843	31990 32000		TF	J40004 J40004	,4 ,ADCOW	,6				
1400	14648	11	03796	000 0 2	32020		AΜ	N40004	, 2					
1-00 1-00	14676	•	00005	0 3796	32040		DSA	N40004	, ++10					
14728 10 00005 8 2700 32000 054 05	1469	11	03796	00001	32070		AM	N40004	•1					
14 12 12 12 12 12 12 12	1472	!	00005	0 3796	32090		DSA	N40004	,*+16					
1478 24 0 1420 0 1220 1 3210 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1474	46	02399 14776	0 0 132 01200	32110 32120		C M B E	SL, N60084						
1-788 2-9 993-90 993-90 923-90 921-9	14764	47	14820	01200	32140	N60004	BNE	N60085		10				
14612 49 02624 00000 32180 D12A B CLEAR	14788	26	0953 0	09343	32160	N60004	TF .	J40004	,ZERO4					
1468	1482)			32190		DORG	*-3						
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LOCTN OP P/L U PG/LN LAREL MNEM OPERANDS AND REMARKS PAGE 62	14162 1417	17	02324 14222	1-4150 09315	32410 32420		BTM BD	FMON CD12BP+24	,SUBC12					152
LOCTN OP P/L O	14186	49	14198	00000	32430		В	CD12BP						192
LOCTN OP P/L O														
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	****	,	SECOND	PASS FORTRAN	11						NOVEMBER,	1966	PAGE	62
1-222 26						LABEL								62
14-25	LOCT!	0 P	P/L 09534	ω 09594	PG/LN 32440 32450	****	TF.	THE FOLLOW T2	ING OUTPUTS THE TE					62
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14408	LOCT/ 1419/ 1421/ 1422: 1423: 1424: 1427: 1428: 1429: 1430: 1431: 1434: 1436: 1436:	26 15 26 15 24 47 26 14 15 46 16 17	P/L 09534 09321 14892 05105 09599 09534 14408 03791 02399 02399 02399 04276 04276	09594 00000 04042 00001 00001 04042 01200 04042 00017 03791 06000 00001 01200 00021 14382 92399	PG/LN 32440 32450 32470 32470 32480 32510 32510 32520 32530 32540 32550 32570 32580 32570 32580 32590 32590	****** CD12BP	TF TDM TDM C BNE TF CM TF TF TF TF TF TF TF TF TF TF TF TF TF	THE FOLLOW T2 DOSW DOTEMP CKSW SKIPSW T2 CD12X N40003 N40003 SL SKIPSW N60092 OPZ SRFCT SL	ING OUTPUTS THE TI ,T3 ,0 ,DOREF ,1 ,1 ,DOREF ,DOREF ,17 ,N40003 ,1	,11 ,10 ,11 ,8				62
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14638 00000 32880 N60101 DS ,* 14644 16 07343 000±1 32890 DSA N40001 14644 16 07343 000±1 32900 TFM SS2 ,11 ,10 14656 17 06898 ±4672 32910 BTM PUTX ,*±16 14677 00005 09543 32920 DSA C,N40004,N40001 14677 00005 03796 03796 DSA C,N40003 ,8 ,10 14684 12 03791 00008 32930 SM N40003 ,8 ,10 14696 26 03796 03794 32940 TF N40004 ,N40003 ,11 14708 15 07342 00001 32950 TDM SS1 ,1	14191 1421 1422 1423 1427 1428 1429 1430 1431 1433 1434 1436 1438 1438 1438 1438 1438 1438 1438 1438	3 26 0 15 15 15 15 16 16 16 16 16 17 17 17 17 17 17 17 17 17 17 17 17 17	9/L 09534 09321 14892 05105 09599 095934 14408 03791 03799 02399 04488 09596 00005 07343 14512 05105 08998 04042 14856 14258 09596 00005 00005 00005 00005 00005 00005	09594 00000 04042 00001 00001 00001 00002 04042 00047 0379+ 06000 00001 01200 00021 144882 02399 03781 00001 00000 00001 00000 00001 14695 00001 00001 14695 00001 14695 00001 14695 00001 14695 00001 14695 00001 14695 00001 14695 00001 14696 03796 03796 03796 03781 00004	PG/LN 32450 32460 32450 32460 32470 32480 32550 32550 32550 32550 32560 32660 32660 32660 32670 32680 32670 32710 32710 32710 32730 32740 32730 32740 32730 32740 32730 32730 32740 32730	******* CD128P CD12Y CD12D CD12X N60092 N60095	TEDEMON EFORM METAL TO THE TOTAL THE TOTAL TO THE TOTAL THE TOTAL TO T	HE FOLLOW T2 DOSW DOTTEMP CKSW SKIPSW T2 CD12X N40003 N40003 SL SKIPSW N60092 OPZ SRFCT N60095 *-3 N60095 *-3 DOREF DOREF DOREF EXITA CD12Y *-3 OPZ N40001 N40003 N40004 SS1 N40004 SS1 N40004 SS1 N40004 SS1 N40004 SS1 N40004 SS1 PUTX OPZ,N400004	ING OUTPUTS THE TO TE TO	,11 ,10 ,11 ,8 ,10				62
14644 16 07343 000±1 32900 TFM SS2 ,11 ,10 14656 17 06898 146572 32910 BTM PUTX ,*+16 14672 00005 09543 32920 DSA C,N40004,N40001 14677 00005 03781 14684 12 03791 00008 32930 SM N40003 ,8 ,10 14696 26 03796 0379± 32940 TF N40004 ,N40003 ,11 14708 15 07342 00001 32950 TDM SS1 ,1	14191 1421 1422 1423 1424 1427 1428 1431 1433 1434 1435 1436 1438 1438 1438 1438 1438 1438 1438 1438	3 26 0 P 3 26 15 15 15 15 15 15 15 15 15 15 15 15 15	9/L 09534 09321 14892 05105 09599 09534 14408 03791 03791 03799 02399 14488 09596 00005 07343 14512 05105 09601 08998 04042 14856 14856 14958 09596 03781 04592 04042 06898 00005 00005 003791 14638	09594 00000 04042 00001 04042 00001 04042 001200 04042 00017 03791 06000 00001 01200 00021 14482 62399 63781 00001 00000 00000 00000 00000 00000 00000 0000	PG/LN 32450 32460 32450 32460 32470 32480 32530 32530 32550 32550 32550 32560 32560 32670 32680 32670 32680 32670 32680 32710 32780 32780 32780 32780 32780 32780 32780 32780 32780 32780 32780 32780 32780 32780 32780 32780	******* CD128P CD12Y CD12D CD12X N60092 N60095	TFDM BTFMM BFMM AAM FM BBDTSS AMM BBDTTSSTBTBTS AMF BTSS	HE FOLLOW T2 DOSW DOTEMP CKSW SKIPSW T2 CD12X N40003 N40003 SL SL SL SKIPSW N60092 OPZ OPZ OPZ N40001 SS2 N60095 *-3 CKSW FIERT DOME: DOREF EXITA CO12Y *-3 OPZ N40001 N40003 N60099 N40004 SS1 PUTX N40000 N40003 N600101 SRFCT	ING OUTPUTS THE TO 13 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	,11 ,10 ,11 ,8 ,10				62
14677 00005 e3796 14684 12 03791 00068 32930 SM N40003 ,8 ,10 14696 26 03796 03794 32940 TF N40004 ,N40003 ,11 14708 15 07342 00001 32950 TDM SS1 ,1	14191 1421-1423 1424-1423 1424-1423 1425-1429-1429-1431 1431-1431-1431-1431-1431-1431-1431	0 OP 3 26 0 15 15 15 15 16 16 16 17 17 18 11 16 26 17 17 18 11 18 26 17 17 18 18 18 18 18 18 18 18 18 18 18 18 18	9/L 09534 09321 1482 05105 09599 09534 14408 03791 03791 02399 02399 02399 04276 00005 07343 14512 05105 09601 08998 04042 14258 09596 03781 03791 14552 04276 00005 07342 04026 04026 04026 04276 00005 07342 04276 00005 00005 00005 00005 00005 00005 00005	09594 00000 04042 00001 04042 01200 04042 01200 04042 0001 04042 0001 01200 00001 01200 00001 01200 00001 014382 02399 03781 00000 00001 00001 00001 00001 00001 00001 00001 00000 00001 00001 00000 00001 00000 00001 00000 00001 00000 00001 00001 00000 00001 00001 00001 00001 00001 00001 00001 00001 00001 00001 00001 00001 00001 00001 00001 00001 000000	PG/LN 32440 32450 32460 32450 32470 32480 32510 32520 32530 32550 32550 32550 32550 32560 32570 32660 32670 32660 32670 32670 32750 32760 32770 32780 32770 32780 32790 32780 32790 32780	******* CD12P CD12Y CD12D CD12X N60092 N60095	TFDM NEF MEMORY OF THE STATE OF	HE FOLLOW T2 DOSW DOTTEMP CKSW SKIPSW T2 CD112X N40003 N40003 SL SL SKIPSW N60092 OPZ SRFCT SL N40001 N40001 N40001 N40003 N60099 N40004 SSE N60099 N40004 SSE SRECT N60099 N40004 N60099 N40009	ING OUTPUTS THE TI ,T3 ,0 ,DDREF ,1 ,1 ,DOREF ,DOREF ,17 ,N40003 ,1 ,21 ,*+16 ,1 ,0 S ,21 ,DDBASE ,11 ,8 ,N40003 ,*+16 ,* ,* ,* ,* ,* ,* ,* ,* ,* ,*	,11 ,10 ,11 ,8 ,10				62
14684 12 03791 00008 32930 SM N40003 ,8 ,10 14696 26 03796 0379 1 32940 TF N40004 ,N40003 ,11 14708 15 07342 00001 32950 TDM SS1 ,1	14191 1421 1422 1423 1427 1428 1429 1430 1431 1433 1434 1436 1438 1438 1438 1438 1438 1438 1449 1449 1449 1449 1449 1449 1449 144	3 26 0 15 15 15 15 15 15 15 15 15 15 15 15 15	9/L 09534 09321 14892 05105 09599 09534 14408 03791 02399 02399 04276 00005 07343 145258 09596 04276 00005 07343 14552 04276 00005 03791 14552 04276 00005 03791 14638 04042	09594 00000 04042 00001 04042 00001 04042 01200 04042 00017 0379± 06000 00001 01200 00021 ±4882 62399 63781 00001 00000 00001 00000 00001 00000 00001 00000 00001 14895 00021 44895 00021 44895 00021 44895 00021 00000 00001 14652 44552 14552 14552 03796 03796 03796 03796 03796 03791 00064 03791 146586 69596 63796 03796 03791 146586 69796 637781 00004 03791 14638 14638	PG/LN 32450 32460 32450 32460 32470 32480 32550 32550 32550 32550 32550 32560 32620 32630 32610 32620 32630 32610 32620 32630 32630 32630 32670 32680 32710 32720 32730 32740 32750 32730 32740 32750 32780	******* CD12P CD12Y CD12D CD12X N60092 N60095	TEDEMON EF MEMORIA BERMAN G MEMORIA BERMAN A MEMORIA BERM	HE FOLLOW T2 DOSW DOTTEMP CKSW SKIPSW T2 CD12X N40003 N40003 SL SKIPSW N60092 OPZ SRFCT N60095 *-3 DOREF DOREF DOREF DOREF DOREF DOREF DOREF DOREF N40001 N40004 SS1 N40005 N40004 SS1 N40004 SS1 N40005 N40004 SS1 N40005 N40004 SS1 N40005 N40005 N40005 N40006 SS1 N40001 N40001 SS2 N40001 N40001 SS2	ING OUTPUTS THE TI ,T3 ,O ,DDREF ,1 ,1 ,DOREF ,DOREF ,17 ,N40003 ,1 ,21 ,*+16 ,1 ,0 S ,21 ,DDBASE ,11 ,1 ,8 ,N40003 ,*+16 ,* ,* ,* ,* ,* ,* ,* ,* ,* ,*	,11 ,10 ,11 ,8 ,10				62
14700 19 01342 00001 32990 10M 551 ,1 14720 17 06898 14736 32960 BTM PUTX ,*+16 /53	LOCTI 1419i 1421-1423-1425-1427-1428-1431-1438-1438-1438-1438-1438-1438-143	3 26 0 15 26 16 16 16 16 16 17 17 17 17 17 17 17 17 17 17 17 17 17	9/L 09534 09321 14892 05105 09599 09594 14408 09596 00005 07343 14512 05105 09601 08998 04042 04042 14458 09596 14258 09596 14552 09601 08998 04042 04042 14455 09601 08998 04042 04042 14455	09594 00000 04042 00001 04042 01200 04042 01200 04042 01200 04042 01200 04042 0001 01200 00001 01200 00001 01200 00000 00000 00000 00000 00000 00001 000001 00001	PG/LN 32440 32450 32460 32450 32470 32480 32530 32530 32530 32550 32550 32550 32550 32580 32570 32580 32660 32670 32660 32670 32700 32730 32740 32730 32740 32730	******* CD12P CD12Y CD12D CD12X N60092 N60095	TEDEMON EF MEMORIA BERMAN G MEMORIA BERMAN A MEMORIA BERM	HE FOLLOW T2 DOSW DOTEMP CKSW SKIPSW T2 CD12X N40003 N40003 SL SL SKIPSW N60092 OPZ SRFCT SL N40001 SS2 W40001 SS2 W40001 N40001 N40001 N40009 N40004 N40004 N40001	ING OUTPUTS THE TI ,T3 ,O ,DDREF ,1 ,1 ,DOREF ,DOREF ,17 ,N40003 ,1 ,21 ,*+16 ,1 ,0 S ,21 ,DDBASE ,11 ,1 ,8 ,N40003 ,*+16 ,* ,* ,* ,* ,* ,* ,* ,* ,* ,*	,11 ,10 ,11 ,8 ,10				62
	LOCTI 14191 1421 1423 1424 1424 1425 1427 1428 1431 1438 1438 1438 1438 1438 1438 1448 144	3 26 26 26 26 26 26 26 26 26 26 26 26 26	9/L 09534 09321 1409321 1409321 1409321 14408 03791 03791 02399 02399 02399 14488 09596 04276 00005 07343 14512 05105 09601 08998 04042 14458 09596 03781 14552 04276 00005 03791 14638 04074 00005 00005 00005 00005 00005 07343 00005 00005 07343 00005 00005 00005 07343 00005 00005 00005 00005 07343 00005 00005 00005 00005 07343 00005	09594 00000 04042 00001 04042 01200 04042 01200 04042 01200 00047 0379± 06000 00001 01200 00001 14482 92399 93781 00000 00001 144895 00001 00000 00001 144895 00001 00000 00001 144895 00001 04102 01300 00000 0001 144552 14552 14552 14552 03796 03791 14638 03791 14638 03791 14638 03791 14638 03791 14658	PG/LN 32440 32450 32460 32450 32470 32480 32530 32530 32530 32550 32550 32550 32550 32560 32570 32660 32670 32660 32670 32680 32680 32680 32680 32700 32730 32780 32780 32780 32780 32780 32780 32780 32780 32780 32790 32820	******* CD12P CD12Y CD12D CD12X N60092 N60095	TEDEMON EF BERMAN GOLD TROUBLE BERMAN GOLD TROUBLE BERMAN GOLD TROUBLE BERMAN GOLD TROUBLE BERMAN AT BERMA	HE FOLLOW T2 DOSW DOTTEMP CKSW SKIPSW T2 CD12X N40003 N40003 SL SL SKIPSW N60092 OPZ SRFCT SL N40001 N40001 SS2 HOREF EDREF DOREF EDREF DOREF EDREF DOREF TOREF DOREF TOREF DOREF TOREF DOREF TOREF TO	ING OUTPUTS THE TI ,T3 ,O ,DDREF ,1 1 1 ,DOREF ,DOREF ,N40003 ,1 ,21 ,*+16 ,1 ,0 S ,21 ,DDBASE ,11 ,1 ,8 ,N40003 ,*+16 ,* ,* ,* ,* ,* ,* ,* ,* ,* ,*	,11 ,10 ,11 ,8 ,10	THE END (62

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                 SECOND PASS FORTRAN II
                                                                                                                                            NOVEMBER, 1966
                                                                                                                                                                                 PAGE
                                                                                                                                                                                           63
LOCTN OP
                    P/L
                                  Q
                                                    PG/LN LABEL MNEM OPERANDS AND REMARKS
14736
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                               00021
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01200
04042
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33010
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N60107
N40003
N40003
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B∈
                                                                                                              ,DOREF
                                                                             T F
A M
            11
                                                     33020
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                                                                                                              ,N40003
 14808
                   04042
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                                                                                     DORFE
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14832
14844
14856
            46
43
26
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04042
09599
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DOREF
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,DOTEMP
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                                                                DOTEMP DS
 14895
16002
                                                                DOMES
                                                                            DAC 32,
DORG 16002
                   00032 X2
                                                                                                               IMPROPER DO NESTINGA
                                                    33130
 16002
                   09292
                               00701
                                                    33140
                                                                XSSX
                                                                            34
                                                                                     BLK8A . 701
16014
16026
16038
16002
           38
36
49
                   09292
00012
00012
                               00702
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                                                                                     BLK8A,702
                               00500
                                                     33160
                                                                             TRA
                                                    33170
                                                                            TCD
                                                    33180
33190
                                                                          DORG
PRINT
 14100
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FIRST PAGE HEAD -THEN PRINT BLOCKS
                                                                                    5,12345
OFLO1-1,3400,6, TEST PRINTER CHAN 12 BRBACK INDIRECT
ONE,PGNUM-2, YES- CHAN 12
TWO,PGNUM-1
NONIUM
B10MAD+174,7
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                                                                            DC
                   14105
14150
14162
14174
14974
                               03400
                                                     33210
                                                                OFLO1
                                                                            BNI
 14118
14130
14142
                               02220
02221
                                                     33220
                                                    33230
33240
33250
                                                                             ВD
                               00007
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                                                                ONE
                                                                             TDM
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25
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25
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33270
33280
33290
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BIOMAD+176,PGNUM,,,PAGE NUMBER
BIOMAD+177,PGNUM-1
BIOMAD+175,PGNUM-2
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                                                                TWO
NONUM
                                                                            TDM
TD
                   14976
                               00007
14174
14186
14198
14210
                   14979
14977
14975
                               02222
                               02221
                                                                             TD
                                                                             TD
                                                                                     ,0971,,
,0962,,
IORT,*+23,,
IOPT,PAGE-4,7
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DOUBLE SPACE AFTER PRINT
TO IORT-PRINT PAGE HEAD
            34
                   00000
                               00971
                                                     33300
14222
14234
14246
14258
                   00000
00565
                               00962
14257
14277
                                                    33310
33320
33330
                                                                            34
TFM
                   00532
                                                    33340
33350
33360
                                                                             ΔМ
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OFL01-1,,6,
BloMAD+1
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14281
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00005
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                                                                PAGE
                                                                            DSA
                                                                                                                     PRINT INDICATION AND PAGE NUMBER PAGE OFLO DEFINER
14284
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                                                    33370
                                                                            DC.
                                                                                     3,18a,,,
14285
14291
14292
                   00002
00005
                                                                DSKHD
                                                                                    2,22,,
DISKDD
                               14294
                                                    33390
                                                                            DSA
                   00001
                                                    33400
                                                                                     ,1,B8DAD,002,B10MAD,,,DDA OF PRINT OUT OFLO
                                                    33410
33420
14294
                   00014
                                                                DISKOD DDA
14308
                   00001
                                                                DC 1,0
*** PRINT CORE MAP OF LABELS IN BLOCKS
                                                    33430
33440
14310
                                                                                    IORT,*+23,,
IOGT,DSKHD,7
                                                                                                                      BRING IN THE HEADING
                   00565
                               ±4333
                                                                PBLOK1 TFM
                                                    33450
33460
33470
33480
                                                                            B
TDM
 14322
            49
                   00566
14334
14345
14346
                   15100
00001
           15
                               00000
                                                                                     FAF6,00000,,
1,a,*,,
FCTEND-4
                                                                                                                          RM FOR DUMMY PRINT
                                                                            DC
SF
            32
                               00000
                   02314
                                                                PBLOK
                                                                                     TBLEND, FCTEND,,,
OUTARA, SVTYNB+58
                    14689
                                                                                                                   INITIALIZE THE POINTER
                                                                                                                                                                                              154
                   15300
$$ $$$ $$$ $$$ $$$
                 SECOND PASS FORTRAN II
                                                                                                                                           NUVEMBER, 1966
                                                                                                                                                                                PAGE
LUCTN OP
                    P/L
                                  IJ
                                                    PG/LN LABEL MNEM OPERANDS AND REMARKS
                                                                                    TBLEND,5,10
EOPRT1,TBLEND,11
MINUS1,COUNT8
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14666
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                                                               EOPRT
                               14689
                                                    33520
                                                                             BNE
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14430
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14691
00565
                                14691
                                                    33530
                                                                             BD
                                                                                    COUNTS,08,10,,
10RT,*+23,,
10PT,FAF5-4,7
0FL01,*+12,,,
MOVR+6,FAF6,,
COUNTS,01,10,,
TRIEND.8,
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                                                                                                                      RESET THE COUNT
PRINT THE LINE OF SYMBOLS
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                                                    33540
33550
                                                                            TEM
                                                    33560
33570
33580
33590
14442
                   00532
                               14692
14454
14466
14478
14490
                   14106
14568
14691
                                                                                                                      TEST CHAN 12
INITIALIZ FOR LOADING PRINT ARFA
REDUCE THE COUNT
                                14466
                                                                             ВТМ
                                15100
                                                                             TFM
                                                                MINUS1
            12
                               00001
                                                                                    COUNTB,01,10,,
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OUTARA+3,TBLEND,11
OUTARA
TRLEND,4,,,
OUTARA+9,TBLEND,11
OUTARA+5
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33620
33630
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26
33
15
                                                                            TDM
TF
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15300
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14538
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00004
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T D M
                                                                                                                      THE CORE ADDRESS IS HERE
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14562
14574
14586
                   ±5100
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14689
                                                                                     FAF6, QUTARA, 2,
MOVR+6, 12, 10,
TBLEND, 10, 10,
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000±2
                                                    33660
33670
                                                                MOVR
                                                                                                                     MOVE TO PRINT BUFFER AREA
MODIFY THE MOVER
ADJUST THE POINTER
            12
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                                                    33680
                                                                            SM
                                                                                     TBLEND, TBASE
EOPRT,,,
IORT, *+23,,
IOPT, FAF5-4,7
14598
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                               02303
                                                     33690
                                                                COMPAR
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00532
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14645
14692
 14610
                                                    33700
33710
                                                                            BNL
TFM
                                                                                                                      END OF AREA OM
YES-PRINT LAST LINE
14622
14634
                                                    33720
                                                                            ВТМ
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EOJEND-12
TBLEND,15,10,
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           17
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                                                    33730
                                                                                                                      TEST CHAN 12
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14689
14598
 14658
14666
                                                    33740
33750
                                                                B7
FOPRT1 SM
                               00015
                                                                                                                      ADJUST THE POINTER
 14678
            49
                                                    33760
                                                                                     COMPAR
14689
14691
15100
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00002
                                                    33770
33780
                                                                TBLEND DC
                                                                                      5,00000,,,
                                                                                                                      POINTER FOR PRINTER ROUTINE (TABLE)
                                                                                     2,08
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                                                     33790
                                                                FAF6
FAF5
                                                                                       B10MAD+300
 14696
                   00005
                               ±5100
                                                     33800
                                                                            DSA
                                                                                     FAF6
 14699
15300
                   00003
00013
                                                     33810
                                                                DC
OUTARA DSC
                                                                                     3,140,,,
                                                                                                                      PRINT TABLE DEFINER
                                                                                                               @.FAF6+200..INTERMEDIATE OUTPUT BUFFER
                                                     33820
33830
                                                                                     16002
 16002
                                                                            DORG
                                                     33840
33850
33860
                                                                            DC
DC
                                                                                     1,1
5,17351
3,007
6,14100@
 16002
                   00001
                                                                DIPL
 16002
16007
16010
                   00001
00005
00003
00006
                                                                            DC
DC
 16016
                                                     33870
                                                                                     DIP1.701
 16018
                   16002
                               00701
                                                     33880
                                                                DIP
                   16002
00012
00012
                               00702
                                                     33890
33900
 16030
16042
                                                                                     DIP1,702
16054
16018
                                                     33910
                                                                             TCD DIP
                                                                            DEND PASSII
02400
                                                     33920
```

*PUNCH RESEQUENCED SOURCE DECK
*LIST PRINTER
*OUTPUT CARD
*PRINT SYMBOL TABLE
(ID) ** FORTRAN DIAGNOSTIC MODE LIBRARY SUB
*LIBR
*ASSEMBLE RELOCATABLE
*ID NUMBER 0037
*STORE RELOADABLE

156

PAGE 1

FURTRAN	DIAGNOSTIC	MODE	LIBRARY	SUB

TRACEC	00968R	TUFACC	00976R	TNFRET	01496R	TNFADR	01423R	STNOSV	01223R
	00248R		00006R	ENTRST	00940R	CONRET	00220R	BB	01184R
	00857R		00696R		00124R	DBUFF	01191R	ENTRY	00856R
	01224R		01265R		01255R	ERR	00088R	ERRET	00296R
	00960R		00068R		00984R	FIXED	00764R	FORCE	01100R
			01292R		01099R	SIGN	00536R	SIGN2	00640R
INC	00371R	OVFL	01292K	AMARIA	010336				
STGN3	00824R	TCO	00992R	TFM	00744R	TNF	01400R	TOFAC	01324R
-00.	0.3 = 0 / 0	TOA	011770	TOACE	002040	TONM	004528		

```
FORTRAN DIAGNOSTIC MODE LIBRARY SUB
                                                                                                                                                                                                                                        PAGE
                                                                                                                                                                                                                                                          1
                                                                                                                                                                                                                                     00004 00005 -0006
00006 M6 01292 01400
00018 J4 00005 000--
00030 M7 00054 01200
00042 MM 01100 00005
00054 K0 01223 00005
00066 42 00000 00000
00010
                                                        ENTRY2
00020 ENTRY2 BV
00030 CM
                                                        OVFL
ENTRY2-1,0,1011
00040
                                     BNE
                                                     FORCE, ENTRY2-1
00050
                                     BNF
00060
00070
                                                                                                                                                                                                                                     00068 42 00000 00000

00068 J6 00302 -3810

00080 M9 00100 00000

00088 J6 00302 -3700

00100 K6 01289 02615

00112 J0 00226 -0228

00124 KN 01271 01222

00136 KN 01279 01221
00080 ERXV
                                    TEM
                                                     ERRET+6,3810
                                                     ERR+12

ERR+12

ERRET+6,3700

ERMES+2*12,2615

CONRET+6,CONRET+8

ERMES+2*3,STNOSV-1

ERMES+2*2,STNOSV-2

ERMES+2*1,STNOSV-2
00090
00100 ERR
00110
                                    TFM
TD
TD
00130 CONST
00140
00150
                                                                                                                                                                                                                                    00136 KN 01269 01221 00148 KN 01267 01220 00160 KN 01265 01219 00172 KN 01277 01223 00184 J5 01275 00000 00196 MM 00220 01223 00208 J5 01275 00001 00220 49 00000 00000 00228 J5 01185 00009 00244 J5 01185 00000 00248 J5 01185 00000 00260 34 00000 00951
                                     TD
                                                     ERMES+2*1,5TNUSV-3
ERMES+2*0,5TNUSV-4
ERMES+2*6,5TNUSV
ERMES+2*5,0
*+24, STNUSV
ERMES+2*5,1
00160
                                     TD
00170
00180
00190
                                     BNF
00200
                                     TDM
                                                     *-*
BB+1,9
FORCE
00210 CONRET 87
00220 TDM
00240 ERBACK TDM
                                                     BB+1,2
                                                                                                                                                                                                                                     00246 35 01185 00002
00260 34 00000 00951
00272 10 00565 -0295
00284 4R 00532 -1255
00250
00260
                                    PUT
                                                        ERPRT
                                                                                                                                                                                                                                     00296 49 00000 00000
00304 26 03451 03495
00316 47 03452 00400
00270 ERRET
                                                     3451,3495
3452
CONRET+6,*+20
00280 TRACE
00290
                                                                                                                                                                                                                                     00328 JU 00226 -0348
00340 M9 00124 00000
00348 KO 00755 00458
00360 J1 00755 -0000
                                     TEM
                                                        CONST
TEM+11,TRNM+6
00310
                                     B7
TF
00320
                                                                                                                                                                                                                                    00348 RU 00755 00458 00360 JI 00755 -0000 00371 00000 00371 00000 00372 JM 00755 -1096 00384 M7 00452 01100 00396 34 00000 00551 -1191 00432 JU 00565 -0431 00420 4R 00552 -1191 00432 JU 00565 00348 00000 00552 -1191 00432 JU 00564 00064 M4 00764 02491 00488 JI 00458 00000 00512 M4 00534 00000 00512 M4 00534 00000 00512 M4 00534 00000 00512 M4 00534 00000 00554 JD 00544 00000 00556 JD 00544 00000 00556 JD 00544 00000 00556 00566 00453 -2490 00572 JU 01502 -0592 00584 M9 01400 00000 00592 JI 00458 000-4 00604 JD 00456 00000 00592 JI 00458 000-4 00604 JD 00456 00000 00560 JD 00560 00001 00560 00000 00592 JI 00458 000-4 00604 JD 00456 00000 00560 00001 00560 JD 00565 00001 00560 00000 00592 JJ 00458 000-4 00604 JD 00456 00000 00466 M4 00640 02492 00668 JD 00666 000002
                                     AΜ
                                                        TFM+11,*-*
00340 INC
                                     DS
00350
00360
                                    CM
BNH
                                                        TFM+11,BUFF+2*120-1
TRNM
00370
00380
                                     K
PUT
                                                        DBUFF
                                                      TRNM+6, BUFF-1
00390
                                                     TRNM+6,8UFF-1
TRACE+44
BUFF-1,FRMES-1,2
FIXED,2492-1
ER A1,2492-1,7
TRNM+6,19,10
SIGN+8,0
*+24,2492-2
SIGN+8,2
-TRNM-6,102003
TRNM+6,502003
00400
00410 TRNM
                                     B7
TRNM
00420
                                     BNF
00430
00440
00450
                                     BNF
AM
TDM
                                                                                                           ,,,MODIFIED BY F
00460
                                     BNE
00470
                                     TDM
TFM
00470
00480 SIGN
00490
                                                                                                                            ,,,MOVE SIGN AND PERIOD
                                     AM
TFM
                                                      TRNM+6, *-*
TNFADR, 2492-2
00500
                                                     TNFRET+6,*+20
TNF
TRNM+6,4,10
00510
00520
00530
                                     AΜ
                                                        SIGN2+10,1
*+24,2492
SIGN2+10,2
00540
                                     TDM
00550
00560
                                     BNF
TDM
                                                                                                                                                                                                                                     00628 35 00650 00002
                                  TFM
00570 SIGN2
                                                         -TRNM-6,4520,8
                                                                                                                            ** ** MOVE EXPONENT SIGN
                                                                                                                                                                                                                                     00640 J6 00450 0M520
                                                                                                                                                                                                                                                                                                                   158
    FORTRAN DIAGNUSTIC MODE LIBRARY SUB
                                                                                                                                                                                                                                       PAGE 2
                                                                                                                                                                                                                                     00652 J1 00458 000-4
00664 J6 01423 -2492
00676 J0 01502 -0696
00688 #9 01400 00000
00696 J1 00458 000-2
00580
                                                        TRNM+6,4,10
                                                     TNFADR,2492
TNFRET+6,*+20
TNF
TRNM+6,2,10
00590
                                     TEM
00600
00610
00620 CLEAR
                                    TEM
B7
AM
00630
                                    TEM
                                                        -TRNM-6,0,10
                                                                                                                                                                                                                                     00708 J6 00450 000-0
                                                                                                                                                                                                                                     00708 38 00458 00750
00732 M7 00696 01300
00744 J6 00458 -0000
00756 49 03452 00000
00764 M4 01224 -2493
00640
                                                        TRNM+6, TFM+11
                                                       CLEAR
TRNM+6,*-*
00650
00660 TFH
                                                    3452
ER A1,2492+1,7
TRNM+6,17,10
SIGN3+10,0
00670
00680 FIXED
00690
00700
                                    BNF
                                                                                                          ,,,MODIFIED BY K
                                                                                                                                                                                                                                     00/164 M4 01/224 -2493

00776 J1 00458 000J7

00788 J5 00834 00000

00800 M4 00824 02492

00812 J5 00834 00002

00824 J6 00450 0-020

00836 J1 00458 -0000

00848 M9 00664 00000
                                     AM
TDM
00710
                                    BMF
                                                        *+24,2492
                                                  SIGN3+10,2
-TRNM-6,0020,8
TRNM+6,*-*
00720
                                     TOM
00730 SIGN3
00740
                                     AΜ
                                               CLEAR-32
MODIFY THE INCORE SUBS
3496,TRACEC
*+48,3580
00750
                                    В7
00750
00760******
00770 ENTRY
00780
                                                                                                                                                                                                                                   BNF
                                                                                                           ,,, BRANCH IF NOT FLOATING HARDWARE SUBS
                                                    *+48,3580
3798,ERXVC
ERR+11,3620
*+18,3608
3688,ERROR
3408,TUFACC
                                    TR
TFM
TFM
TR
00790
00800
00810
00820
00830
                                                     2226,*-*
-2226
ERR
00840 ENTRST TFM
00850
 00860 ERROR
00870
00880 TRACEC B7
                                                     TRACE
00890 DC
00900 TDFACC B7
                                                      1,0
TOFAC
                                                                                                                                                                                                                                     00983 00001
00984 M9 00068 00000
00991 00001
00910
                                     DC
                                                   1,0
ERXV
00920 ERXVC B7
00920 EXXVC
00930
00940*****
                                    DÇ
                                             1,0
CACULATE SOME CONSTANTS
                                                                                                                                                                                                                                     00992 K6 00371 02219
01004 J1 00371 000-5
01016 K4 00371 02221
01028 M6 01052 01300
01040 K6 00371 02221
01052 J1 00371 009J1
01064 KJ 00371 00371
                                    TF
                                                        INC,2219
INC,5,10
INC,2221
00950 TCD
00960
                                     ΔΜ
00970
00980
                                     BNL
                                                        *+24
INC,2221
00990
                                     TF
                                              INC, 2221

INC, 11, 10

INC, 1NC

FOR F = 8 INC WOULD BE 48

SIGN+23, 2219

SIGN+23, 5IGN+23

SIGN3+23, 5IGN3+23

FIXED+11, 2221
01 000
01010
                                     Α
01020*
                                                                                                                                                                                                                                   01076 K6 00559 02219 01088 KJ 00559 00559 01100 K6 00887 02225 01112 KJ 00847 00847 01124 K2 00775 02221 01136 K2 00487 02215 01160 10 0226 -0856 01172 10 00565 -1191 01184 49 00716 00000 01191 00002 2K 01193 00005 -1199 01198 00001 a 01199 00006 1J9783
                                     ΤF
01030
01040
01050
01060
                                                      FIXED+11,2221
TRNM+35,2219
ENTRST+11,2226
2226,ENTRY
01070
01080
01090
01110 TRA
```

```
01205 00003 -03
01208 00006 -00000
00992
                                                TCD TCD
DORG ENTRY
 01130
                                                                                                                                                                                                                                                                                                      00856
00857 00144
01099 00100
01100 JM 00458 -0856
01112 M6 01184 01200
01124 LJ 00450 01098
01136 34 00000 00951
01148 10 00565 -1171
01160 4R 00532 -1191
01172 JD 00458 -0856
01184 M2 00248 00000
01191
01191 00005 -0857
01196 00003 K66
                                                                                                                                                                                                                                                                                                        00856
                                                DAS
DSAC
CM
BE
TR
01140 BUFF
01150 RMARK
01160 FORCE
01170
                                                                                                                                                                  ,,,CHECK FOR EMPTY BUFFER
                                                                          TRNM+6, BUFF-1
                                                                     BB
-TRNM-6,RMARK-1
01180
01190
01200
                                                                   ,951
DBUFF
                                                 K
PUT
                                                TFM
 01210
                                                                          TRNM+6, BUFF-1
                                                                     ERBACK
*-4
,BUFF,S
 01220 BB
01230
                                                                                                                                                                                                                                                                                                      01191
01191 00005 -0857
01196 00003 K6G
01200 32 02491 00000
01212 L2 0048P -0000
01212 L2 0048P -0000
01224 J6 01289 00J71
01236 J0 00302 -1184
01248 M9 00112 00000
01255 00005 -1265
01260 00003 K6G
01260 00003 K6G
01260 00003 K6G
01262 J6 01289 00J72
01304 J0 00302 -0018
01316 M9 00112 00000
01324 26 02492 0346P
01336 M4 01386 02491
01348 12 03407 000-2
01372 MM 01200 0048P
01372 MM 01200 0048P
01372 MM 01200 0077N
01398 42 00000 00000
01400 K0 01430 00458
01412 K5 01435 00000
01404 K0 01436 00458
01412 K5 01435 00000
01424 16 00000 00000
01424 16 00000 00000
01424 16 00000 00000
01425 01423 000-1
01448 KN 0143- 01435
01496 49 00000 00000
 01240 DBUFF
                                               DPRA
 01250
                                                                      2492-1
TRNM+35,,67
01260 SF
01270 STNOSV DS
01280 ERA1 TFM
01290 TFM
                                                                      ERMES+2*12,171,9
ERRET+6,88
                                                                      ERR+24
,ERMES,S
 01300 B7
01310 ERPRT DPRA
 01320 ERMES
                                                                          14,0000+00 ER A10
01320 ERMES
01330 OVFL
01340
01350
01350 TOFAC
01370
01380
01390
01400
01410
01420 TOFIX
                                                                     14,0000+00 ER Ala

ERMES+2×12,172,9

ERRET+6,ENTRY2+12

ERR+24

2492,-3407

TUFIX,2491

3407,2,10

2490,-3407

ERA1-24,-TRNM-35
                                                 TEM
                                                 BNF
                                                                      ERA1-24,-FIXED-11
 01430
01440 TNF
                                                 BB2
TF
                                                                       *+30,TRNM+6
 01450 TD
01460 TNFADR DS
                                                                      *+23,*-*
                                                                      **+20,***

**
**-*,70,10

TNF+30,2,10

TNFADR,1,10

TNF+12,-TNFADR

TNF+35,-TNFADR

-TNF-30,TNF+35
01470
01480
01480
01490
                                                 BNE
 01510
01520
                                                 TD
TF
 01530 TNFRET B7
01540 DE
                                                DEND
01504 CORE POSITIONS REQUIRED
PLUS RELOCATION INCREMENT
00154 STATEMENTS PROCESSED
```

PAGE 3

160

*PUNCH RESEQUENCED SOURCE DECK
*LIST PRINTER
*OUTPUT CARD
*PRINT SYMBOL TABLE
(ID) ** FORTRAN VARIABLE FORMAT LIBRARY SUB
*ASSEMBLE RELUCATABLE
*STORE RELODABLE
*ID NUMBER 0038
*LIBR
*ERROR STOP

SLASHT	06676	SEARCH	00772R	REPEAT	01292R	PUTARN	015 56R	OPENSV	01726R	
NUMRET	00716R	NUMBER	00125R	GETRET	00560R	GETARN	00500R	FORMAT	00006R	
FINISH	00310R	ERTYPE	00052R	COMCHK	02104R	CLOSE2	01752R	CANRET	01248R	
BEFORE	01375R	A	01864R	AM	00444R	ARN	00194R	ATYPE	04536	
BACK	00724R	BACK2	00568R	CAN	00980R	CAN2	01036R	CAN3	01224R	
CHAR	00509R	CLUS	00905R	CLOSE	01616R	CM	00336R	COMMA	02188R	
DRNO	01004R	E	01928R	EΚ	02260R	ERRET	02320R	ERROR	00480R	
ER2	02224R	ETYPE	04580	F	0144 OR	FAC	02492	FF	02219	
FIRST	00242R		00146R	FORER	02329R	FTYPE	04558	GAD	01400R	
GET	00408R	GET2	00420R	GO	00348R	GOGO	00324R	GRAND	01143R	
Н	01948R	HSAVE	02014R	HTYPE	04602	I	01408R	ITYPE	04448	
K	02221	LOPEN	01695R	NOPE	00828R	NUM	00372R	NUMSV	02278R	
NUM2	00680R	NUM3	00660R	OPEN	01820R	OVLAP	02355R	PAR	03378	
PLACE	00950R	PUT	00968R	RECMK	02403	REDO	07026	REP	07126	
REP4	07230	RET	01351R	SLASH	01884R	STOP	00145R	SUP	00592R	
TABLE	00872R	TOGET	00640R	ΤW	01540R	TWO	01352R	X	00944R	
XTYPE	07354									

162

```
FORTRAM VARIABLE FURMAT LIBRARY SUB
                                                                                                                                                                                                          PAGE
 00010 FF
                                               ,2219
                                                                                             ,,,FLOATING POINT LENGTH
                                                                                                                                                                                                        02219 00000
00010 FF
00020 K
00030 RECMK
00040 FAC
00050 PAR
00060 ITYPE
00070 ATYPE
00090 ETYPE
00100 HTYPE
00110 SLASHT
60120 REDU
00130 REP
                                               ,2221
,2403
,2492
                                                                                              ,,,FIXED POINT LENGTH
,,,RECORD MARK
,,,FLOATING ACCUMULATOR
                                                                                                                                                                                                        02221 00000
02403 00000
                                                                                                                                                                                                        02492 00000
                                                                                                                                                                                                       02492 00000
03378 00000
04448 00000
04536 00000
04558 00000
                                                ,3378
                                ÜS
                                                ,4536
,4558
,4580
                                                                                                                                                                                                        04602 00000
06676 00000
07026 00000
                                                ,4602
                               DS
                                                .6676
                                                .7026
 00120 REP
00140 REP4
00150 XTYPE
                                                                                                                                                                                                        07126 00000
                                                ,7230
,7354
                                                                                                                                                                                                        07230 00000
                                                                                                                                                                                                       07230 00000 07354 00000 07354 00000 00004 00005 -0006 00006 J6 00431 -2494 00018 J6 00415 00005 00042 J5 00052 00000 00052 00000
                                DS
                                               FORMAT
GET2+11,FAC+2
GET+11,FAC+1
STOP,FORMAT-1
 00160
                                DSA
 00170 FORMAT TEM
00180 TEM
                                                                                              ,,,LOCATE HIGH ORDER CHARATER
                                                                                               ,,,SAVE FLAG
 00190
                                Tυ
                                               ERTYPE,0
 00200
 00210 ERTYPE
                                                TABLE+5, ER
                                                                                                                                                                                                        00054 J0 00877 -2260
00066 J0 02326 -0348
00078 J6 01143 -0290
00090 MM 00146 00005
 00220
                                TEM
                                               ERRET+6,GO
GRAND,145+145
FLOAT,FORMAT-1
 00230
                                TEM
 00240
00250
                                                                                              ,,,TEST IF ARRAY IS FLOATING
                                                                                                                                                                                                        00102 K2 00431 02221
00114 L3 00005 00000
00125 00000
 00260
                                               GFT2+11.K
 00270
                                               FORMAT-1
 00280 NUMBER
00290
                                                                                                                                                                                                      00125 00000

00126 K6 00455 02221

00138 M9 00194 00000

00145 00001

00146 K2 00431 02219

00158 J2 00005 000-2

00170 K6 00455 02219

00182 J1 00455 000-2

00194 25 02494 02403

00218 J1 01695 000-3

00206 K6 01695 00434

00218 J1 01695 000-5

00230 K0 00950 01695

00242 J0 00566 -0262

00254 M9 00408 00000

00262 J4 00509 000K4
                                                .
Ам+11•К
 00300
                                               ARN
                                               GET2+11,FF
FORMAT-1,2,10
AM+11,FF
 00310 STOP
 00310 310P
00320 FLOAT
00330
00340
                                  S
SM
TF
                                                                                               ,,, PROCESSES MANTISSA UNLY
                                                                                              ;;;
;;,SET UP BNR TEST
;;,SAVE LAST OPEN PAREN
                                               AM+11, FF
AM+11,2,10
FAC+2, RECMK
LOPEN, 434
LOPEN, 5,10
PLACE, LOPEN
 00350
                                 AM
                                 TD
TF
AM
 00360 ARN
 00370
00380
 00390
                                 TF
                                               GETRET+6,*+20
GET
CHAR,24,10
 00400 FIRST
                                                                                               ,,,SET UP RETURN ADDRESS
 00410
00410
00420
00430
                                                                                               ,,,TEST FOR OPEN PAREN
                                                                                                                                                                                                        00262 J4 00509 000K4
00274 M6 00348 01200
00286 J4 00509 000R9
                                CN
                                8E
                                                                                              ,,,TEST FOR SKIP PARAMETER
 00440
                                               CH AR, 99, 10
                                                                                                                                                                                                      00286 J4 00509 00089 00298 M7 00408 01200 00310 M6 00310 01400 00322 42 00000 000-5 00336 J0 00877 -2188 00348 J0 00722 -0724 00360 JD 00965 -1616 00372 JD 009666 -2275 00384 JD 005693 00006 00408 M5 00509 00006 00420 J6 00419 -0000 00432 J0 00442 J0 00444 J1 00005 -0000
                                               GET
                                                                                               ,,,TURN OFF OVERFLOW INDICATOR
 00460 FINISH BV
 00470
 00470
00480 GDGO
00490 CM
00500 GO
                                               PLACE, 5, 10
TABLE+5, COMMA
NUMRET+6, BACK
                                                                                             ;;;
;;;
;;;SET UP RETURN ADDRESS
;;;INITIALIZE
;;SET UP RETURN ADDRESS
                                TEM
                                TFM
TFM
TFM
                                               CLOS, CLOSE
NUM3+6, NUMSV-3
GETRET+6, BACK2
 00510
 00520 NUM
00530
                                               SUP+1,6
GETARN,*-*
GET+11,*-*
FAC,FORMAT-1,11
                                                                                             ;;; RANCH IF NEXT FLEMENT NOT NEEDED;;,INITIALIZE;;,MOVE IN NEXT ARRAY ELEMENT;,MOVE TO ADDRESS OF NEXT ARRAY ELEMENT;,TEST IF BEYOND ARRAY
 00540
                                 TDM
                                BNR
TFM
 00550 GET
 00560 GET2
00570
 00580 AM
                                                                                                                                                                                                        00444 J1 00005 -0000
00456 12 03378 000-1
                                AM
                                               FORMAT-1.*-*
 00590
                                               PAR ,1,10
```

```
00480 J0 02326 -1616
00492 M9 02260 00000
00500 J6 00509 000-0
                                                                                         ERRET+6, CLOSE
                                                                                                                                                                                   ,,,GO TO TYPE ERROR
 00620 B7
00630 GETARN TFM
                                                                                       ER
CHAR,0,10
                                                                                                                                                                                00640 CHAR
                                                                                                                                                                                                                                                                                                                                                                                     00509 00000 0041R
00524 J1 00419 000-2
00536 J4 00509 0040R
00568 M6 00408 01200
00568 M7 00509 00000
00568 J4 00509 00000
00568 J4 00509 00000
00580 M7 00680 01300
00592 M6 00408 01200
00604 J5 00593 00001
00616 J1 00666 000-1
00628 MN 00660 00660
00640 J0 02326 00000
00665 M9 02260 00000
                                                           DS
                                                                                                                                                                                                                                                                                                                                                                                        00509 00000
 00650
                                                                                        CHAR, GET+11,11
                                                                                        GET+11,2,10
00660
                                                                                        CHAR,0,10
GET
*-*
00670
00680 BE
00690 GETRET B7
00700 BACK2 CM
                                                                                        CHAR, 70,10
                                                                                                                                                                                   ,,,CHECK IF IT IS NUMERIC
                                                                                        CHAR, 70,10

NUM2

GET

SUP+1,1

NUM3+6,1,10

NUM3,NUM3+6,11

ERRET+6,GET
 00710
00720 SUP
                                                                                                                                                                                   ,,,CHECK FOR PRECEDING ZEROS
                                                                                                                                                                                 ****

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00740
00750
00760 TOGET
                                                              BNR
TFM
                                                                                                                                                                                                                                                                                                                                                                                    00652 M9 02260 00000
00660 ZN 00000 00509
00672 M9 00408 00000
00680 J6 00125 00-00
00692 J0 01406 -2104
00704 KJ 00125 00660
00716 49 00000 00000
00724 J0 00783 -0872
00736 J0 01406 -0336
00748 K0 01375 00125
00760 K0 01351 00950
00772 K4 00509 00000
00784 M7 00828 01200
00796 J1 00783 000-5
00808 L2 00783 00000
00828 J1 00781 00000
00828 J1 00781 00000
 00770
                                                             В7
                                                                                        ΕR
00780 NUM3
                                                             TD
B7
                                                                                           *-*, CHAR
                                                                                        GET
NUMBER,0,9
GAD+6,COMCHK
 00790
 00800 NUM2
                                                              TFM
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 00810
                                                              TFM
00820
                                                                                         NUMBER, NUM3+6,11
00830 NUMRET
00840 BACK
                                                            B7
TFM
                                                                                                                                                                                 ,,, BRANCH TO LOCATION CORRESPONDING
                                                                                         SEARCH+11, TABLE
                                                                                        SEARCH+11, [ABLE GAD+6, CM BEFORE, NUMBER RET, PLACE CHAR, *-* NUPE SEARCH+11, 5, 10 SEARCH+11
                                                                                                                                                                                ,,,,
,,,
,,,
00850
                                                              TEM
00860
00870
                                                              TF
TF
                                                                                                                                                                                                          TO CHAR
00880 SEARCH
00890
00900
00910
                                                              BNE
                                                                                          SEARCH+11,,6
00920
                                                              87
                                                                                        SEARCH+11,7,10
SEARCH,SEARCH+11,
ERRET+6,GO
 00930 NOPE
                                                                                                                                                                        11,,,TEST FOR END OF TABLE
                                                                                                                                                                                                                                                                                                                                                                                       00840 MN 00772 0078L
00852 JU 02326 -0348
00864 M9 02260 00000
00960
                                                              в7
                                                                                         2,23
                                                                                                                                                                                                                                                                                                                                                                                        00872 00002
00877 00005 -0000
 00970 TABLE
                                                                                                                                                                                 ,,,CHAR VS CORE TABLE
                                                             DSA
DC
DSA
 00980
 00990
01000
                                                                                          2,67
                                                                                                                                                                                                                                                                                                                                                                                         00879 00002
00884 00005
                                                                                                                                                                                                                                                                                                                                                                                                                                              -0944
                                                                                         2.49
 01010
                                                              DC
                                                                                                                                                                                                                                                                                                                                                                                        00886 00002
                                                              DSA
                                                                                                                                                                                                                                                                                                                                                                                       00891 00005
00893 00002
 01020
01030
01040
                                                             DC
DSA
                                                                                         2,46
                                                                                                                                                                                                                                                                                                                                                                                        00898 00005
                                                                                                                                                                                                                                                                                                                                                                                                                                              -1440
                                                                                         2,04
                                                                                                                                                                                                                                                                                                                                                                                       00900 00002
00905 00005
00907 00002
01050
                                                             DC
01060 CLOS
                                                             DSA
                                                                                        CLOSE
                                                             DC
DSA
                                                                                        2,24
OPEN
 01080
                                                                                                                                                                                                                                                                                                                                                                                        00912 00005 -1820
                                                                                        2,41
A
                                                                                                                                                                                                                                                                                                                                                                                        00914 00002
00919 00005
 01090
01100
                                                              DSA
                                                                                          2,48
                                                              DC
                                                                                                                                                                                                                                                                                                                                                                                       00921 00002
                                                                                                                                                                                                                                                                                                                                                                                       00926 00005 -1948
00928 00002
00933 00005 -1884
                                                             DSA
01120
                                                                                        2,21
01130
                                                             DC
01140
01150
                                                              DSA
                                                                                       2,45
E
                                                             DC
                                                                                                                                                                                                                                                                                                                                                                                       00935 00002
                                                             DSA
01160
                                                                                                                                                                                                                                                                                                                                                                                        00940 00005 -1928
                                                                                        2,a
*-*,XTYPE
 01170
                                                                                                                                                                                 ,,,TRAILER RECORD MARK
                                                                                                                                                                                                                                                                                                                                                                                       00944 16 00000 -7354
       FORTRAN VARIABLE FORMAT LIBRARY SUB
                                                                                                                                                                                                                                                                                                                                                                                          PAGE
                                                                                                                                                                                                                                                                                                                                                                                                                       3
                                                                                                                                                                                                                                                                                                                                                                                     00950 00000
00956 J6 01375 000-0
00968 JC 01254 -1280
00980 KJ 00125 00125
00992 M6 01036 01100
01004 J6 00125 00-02
01016 J0 02326 -1036
01028 M9 02260 00000
01036 J1 00950 000-3
01048 KD 0095- 00125
01060 J4 01015 000-2
01190 PLACE
01200
01210 PUT
                                                                                       TFM
                                                                                                                                                                                ,,,DOUBLE NUMBER
01220 CAN
01230
                                                              RР
01240 DRNO
01250
                                                             TFM
TFM
                                                                                        NUMBER, 2, 9
ERRET+6, *+20
01260
                                                              В7
                                                                                        ER
                                                                                       PLACE, 3, 10
-PLACE, NUMBER
DRNO+11, 2, 10
01270 CAN2
                                                                                                                                                                                                                                                                                                                                                                                    01048 KI 00990 00073
01048 KO 00995 00125
01060 J4 01015 00072
01072 M6 01108 01200
01084 KJ 00125 00125
01096 J6 01015 00700
01108 KL 00125 01375
01120 M7 01156 01100
01132 32 00097 00000
01144 K6 00125 00099
01156 MN 01176 01726
01168 M9 01224 00000
01176 KL 00125 01726
01188 M7 01224 01100
0120 32 00097 00000
01212 K6 00125 00099
01224 KK 01143 00125
01248 K6 00125 00090
01248 K6 0125 00090
01248 46 00000 01300
01260 KN 02326 01254
01272 M9 02260 00000
01290
01300
                                                              ВE
                                                                                           ×+36
                                                                                        NUMBER, NUMBER
DRNO+11,2,9
NUMBER, BEFORE
01310
                                                              A
TFM
01320
01330
                                                              BNP
01340
                                                                                        *+36
01350
01360 GRAND
01370
                                                                                        97
                                                             DS
                                                                                        NUMBER,99
*+20,0PENSV
CAN3
01380
                                                              BNR
01390
                                                              В7
М
01400
01410
01420
01430
                                                                                        NUMBER, OPENSV
*+36
                                                              вмР
                                                              SF
TF
                                                                                        NUMBER,99
                                                                                        GRAND, NUMBER
NUMBER, 0, 9
 01440 CAN3
 01460 CANRET BNN
                                                                                                                                                                                ,,,CHECK FOR MORE THAN 145 COLS.
01470
                                                              тF
                                                                                        ERRET+6, CANRET+6
01480
01490
                                                                                        ER
PLACE, 5, 10
                                                                                                                                                                                                                                                                                                                                                                                       01280 J1 00950 000-5
                                                                                                                                                                                                                                                                                                                                                                                     01280 J1 00950 000-5
01292 J6 0095- -7126
01304 J4 01375 000-1
01318 M7 01400 01100
01328 J1 00950 000-5
01340 J6 0095- -0000
01351 00000
01352 J1 00950 000-2
01364 L2 01374 00000
                                                                                       PLACE, 5, 10
-PLACE, REP
BEFORE, 1, 10
GAD+6,,6
PLACE, 5, 10
-PLACE, *-*
01500 REPEAT TFM
01510 CM
                                                              BNH
01530
                                                              AM
TEM
```

**,*
,PLACE IN RETURN ADDRESS FOR REPEAT
**,*

PAGE 2

00468 M6 00500 01300

FORTRAN VARIABLE FORMAT LIBRARY SUB

GETARN

00600

01550 RET 01560 TWO 01570

01610 GAD

01620 I 01630

01640 01650 F

01660

01670 01680 01690

01700

01710 01730

01750 01760

01770

01740 TW

01590 01600

01580 BEFORE DS

в7

TFM TFM

TFM TFM

CM

в7

ΔМ

TFM

BEFORE-1

,*
-PLACE,BEFORE
PLACE,5,10

-
-PLACE, ITYPE

NUM -PLACE, FTYPE ORNO+11,1,9 NUMRET+6,CAN+12 CANRET+6,*+20

NUM CHAR,03,10

PLACE, 2, 10

NUMBER,0,9

PUTARN ERRET+6,*+20

NUMBER-1 -PLACE, NUMBER

,,,GET THAT NUMBER

,,,CHECK FOR PERIOD

00610 ERROR TEM

165

01375 00000 01376 KN 0095-01388 J1 00950

01388 J1 00950 000-5 01400 49 00000 00000 01408 J6 0095- -4448 01420 J0 00722 -0958 01432 M9 00372 00000 01440 J6 0095- -4558 01452 J6 01015 00-01 01464 J0 00722 -0992 01476 J0 01254 -1496 01488 M9 00372 00000

01496 J4 00509 000-3 01508 M6 01596 01200 01520 J0 02326 -1540 01532 M9 02260 00000

01540 J1 00950 000-2 01552 L2 00124 00000 01564 K0 0095- 00125

01576 J6 00125 00-00

164

```
FORTRAN VARIABLE FORMAT LIBRARY SUB
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     PAGE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           01588 M9 01280 00000
01596 J0 00722 -1540
01608 M9 00372 00000
01616 J0 02326 -1636
01628 M9 02224 00000
01780
01790 PUTARN
                                                                                                                                                            REPEAT-12
                                                                                                                                                          NUMRET+6,TW
                                                                                                                                                                                                                                                                                                                     ,,,SET UP RETURN ADDRESS
 01800
01810 CLOSE
                                                                                                                                                            NUM
                                                                                                                                                            ERRET+6,*+20
 01820
                                                                                                          BNR
                                                                                                                                                          CLOSE2, OPENSV
                                                                                                                                                                                                                                                                                                                     ,,, BRANCH IF NOT FINAL PAREN
 01830
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            01636 MN 01752 01726
                                                                                                                                                         -PLACE, REDD
PLACE, 5, 10
LOPEN, 5, 10
-PLACE, *-*
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            01648 J6 0095- -7026
01660 J1 00950 000-5
01672 J2 01695 000-5
01684 J6 0095- -0000
   01840
                                                                                                             TFM
                                                                                                           AM
SM
TFM
   ^{01850}_{01860}
                                                                                                                                                                                                                                                                                                                     ,,,
,,,FINISH UP FORMAT
 01870
01880 LOPEN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            01695 00000
01696 K4 00950 02231
01708 M7 00310 01300
01720 34 00000 00102
                                                                                                      DS
 01890
01900
01910
                                                                                                                                                          PLACE, 2231
FINISH
                                                                                                                                                                                                                                                                                                                     ,,,CHECK FOR OVERLAP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         01720 34 00000 00102 01726 00003 01726 00003 01736 129 02355 00100 01744 49 00796 00000 01752 KD 01375 01726 01764 K5 01726 02403 01776 KD 01351 01695 01788 J6 0095- -7230 01800 J0 01406 -0336 01812 M9 01304 00000 01820 MN 00480 01726 01832 KD 01695 00950 01844 KD 01726 00125 01856 M9 00348 00000 01864 J6 0075- -4536 01876 M9 01420 00000 01876 M9 01420 00000 01876 J6 0143 -0290 01908 J0 02326 -0324 01920 M9 02224 00000 01928 J6 0095- -4580 01928 
                                                                                                                                                                                                                                                                                                                   ;;;
;;;
;;;FATAL ERROR
                                                                                                             RCTY
   01920 OPENSV DC
                                                                                                                                                          3.0.*-5
                                                                                                          WATY
CALL
TF
   01930
01940
01950 CLOSE2
                                                                                                                                                         OVLAP
EXIT
BEFORE, OPENSV
                                                                                                                                                         OPENSV, RECMK
RET, LOPEN
-PLACE, REP4
   01960
                                                                                                           TD
                                                                                                                                                                                                                                                                                                                       ... SET UP LINKAGE TO REPEAT
                                                                                                                                                                                                                                                                                                                  ;;;
;;;
;;;
YOU NEVER KNOW
                                                                                                                                                         GAD+6,CM
REPEAT+12
ERROR,OPENSV
LOPEN,PLACE
OPENSV,NUMBER
   01990
                                                                                                             TEM
   02000
   02000
02010 OPEN
02020
02030
                                                                                                          BNR
TF
TF
B7
                                                                                                                                                                                                                                                                                                                     ;;;SAVE NUMBER OF REPEATS
;;;
;;;SO MUCH FOR A FÖRMAT
   02040
                                                                                                                                                            GO
   02050 A
                                                                                                             TEM
                                                                                                                                                            -PLACE, ATYPE
                                                                                                                                                       I+12
-PLACE, SLASHT
GRAND, 145+145
ERRET+6, GOGO
   02060
02070 SLASH
   02080
   02090
                                                                                                             TEM
                                                                                                                                                       ERRET+6,GOGO
ER2
-PLACE,ETYPE
F+12
-PLACE,HTYPE
HSAVE,NUMBER
BEFORE,0,10
CANRET+6,*+20
CAN
   02100
02110 E
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            01940 M9 01452 00000
01948 J6 0095- -4602
01960 K0 02014 00125
                                                                                                           B7
TFM
TF
TFM
   02120
   02120
02130 H
02140
02150
02160
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       01948 J6 00995 -4602
01960 K0 02014 00125
01972 J6 01375 000-0
01984 J0 01254 -2004
01996 M9 00980 00000
02014 00000
02016 J0 00566 -2036
02028 M9 00408 00000
02036 J1 00950 000-2
02048 K0 0095- 00509
02060 J2 02014 000-1
02072 M6 00408 01100
02084 J5 00549 00006
02084 J5 00549 00006
02084 J6 00509 00064
02104 J4 00509 00064
02116 M6 01616 01200
02128 J4 00509 00061
02164 J4 00509 00061
02165 J0 02326 -0724
02166 M7 02260 01200
02188 J9 00075 -2260
02280 J0 00905 -0488
                                                                                                                                                                                                                                                                                                                     ,,,
                                                                                                             TFM
   02170
02180
                                                                                                                                                          CAN
GETRET-11,1
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02200
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TFM
                                                                                                                                                          ,*-1
GETRET+6,*+20
                                                                                                                                                                                                                                                                                                                     ,,,SET UP RETUN ADDRESS
   02210
02220
                                                                                                                                                          GET
PLACE, 2, 10
   02230
02240
02250
02260
                                                                                                                                                         -PLACE, CHAR
HSAVE, 1, 10
                                                                                                                                                          GET
GETRET-11,6
                                                                                                                                                                                                                                                                                                                       ***

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                                                                                                                                                         GOGO
CHAR,04,10
CLOSE
CHAR,21,10
SLASH
ERRET+6,BACK
   02270
02280 CUMCHK
                                                                                                           BE
CM
BE
TFM
   02290
   02300
02310
02320
   02330
                                                                                                                                                            CHAR, 23, 10
   02340
02350 CDMMA
                                                                                                                                                          ER
TABLE+5,ER
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              02200 JN 00905 -0480
   02360
                                                                                                                                                          CLOS, ERROR
```

166

FORTRAN	VARIABLE	FORMAT LIBRARY SUB		PAGE	5
02370 02380 ER2 02390 02400 02410 ER 02420 02430 NUMS 02440 02450 02460 02470 ERRE	TFM CM TFM BE BD RCTY V DC WATY BNF TDM T B7	ERRET+6,GO NUMBER,O,10 NUMBER,O,9 ERRET+6,6 ERRET+6,FRTYPE,6 5,0,*-5 FORER 796,STOP ERTYPE,-1 *-*	;;; ;;; ;;; ;;; ;;; ;;; ;;; ;;; ;;; ;;	02212 02224 02236 02248 02269 02272 02278 02284 02296 02308	JN 02326 -034R J4 00125 000-0 J6 00125 00-00 M6 02320 01200 ML 02320 00052 34 00000 00102 00005 L9 02329 00100 MM 00796 00145 J5 00052 0000J 49 00000 00000
02480 FORE 02490 OVLA 02500		13,FORMAT ERRORƏ, 15,FORMAT OVERLAPƏ 1	,,,, ,,,, ,,,	02329 02355 00001	

02384 CORE PUSITIONS REQUIRED PLUS RELOCATION INCREMENT 00250 STATEMENTS PROCESSED